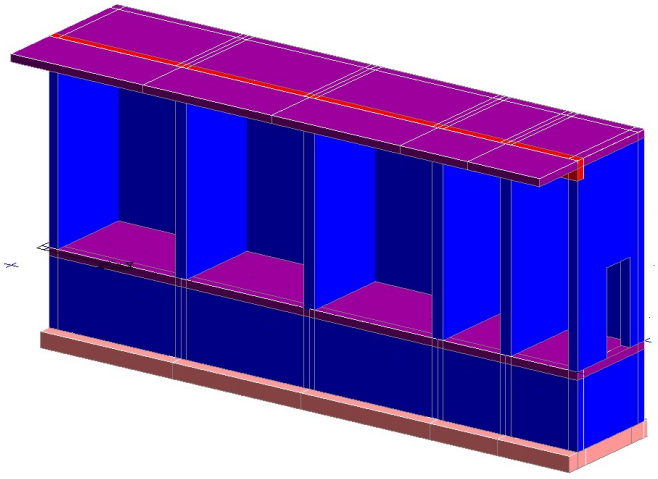
COMUNE DI DRONERO **PROVINCIA DI CUNEO**

➢ *RELAZIONE DI GEOTECNICA E DELLE FONDAZIONI*

OGGETTO:

LAVORI DI REALIZZAZIONI LOCULI, CELLETTE OSSARI PRESSO IL CIMITERO DEL CAPOLUOGO



ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI CUNEO
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SOMMARIO

1. RELAZIONE GEOTECNICA

Sono illustrati con la presente i risultati dei calcoli che riguardano il progetto delle armature, la verifica delle tensioni di lavoro dei materiali e del terreno.

1.1.1. NORMATIVA DI RIFERIMENTO

I calcoli sono condotti nel pieno rispetto della normativa vigente e, in particolare, la normativa cui viene fatto riferimento nelle fasi di calcolo, verifica e progettazione è costituita dalle Norme Tecniche per le Costruzioni, emanate con il D.M. 17/01/2018 pubblicato nel suppl. 30 G.U. 29 del 20/02/2018, nonché la Circolare del Ministero Infrastrutture e Trasporti del n. 7 del 21/01/2019 "Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni".

Per il calcolo delle strutture in oggetto si adotteranno i criteri della Geotecnica e della Scienza delle Costruzioni.

1.1.2. DESCRIZIONE DELLE CONDIZIONE GEOLOGICHE DEL SITO

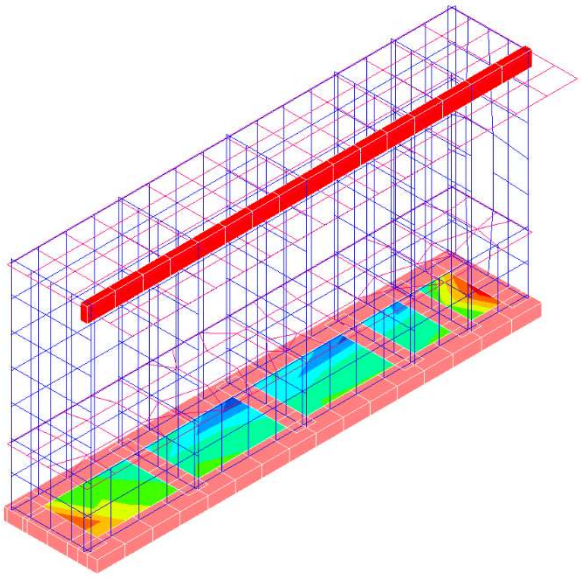
VEDASI RELAZIONE GEOLOGICA ALLEGATA

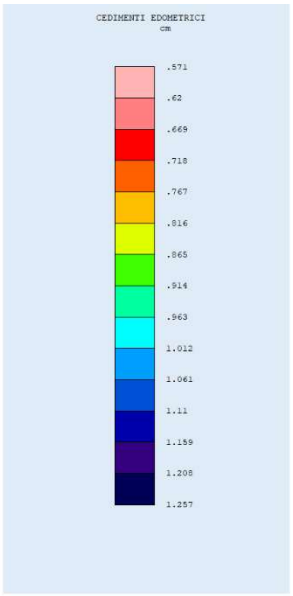
1.2. RISULTATI

1.2.1. SINTESI DEI RISULTATI

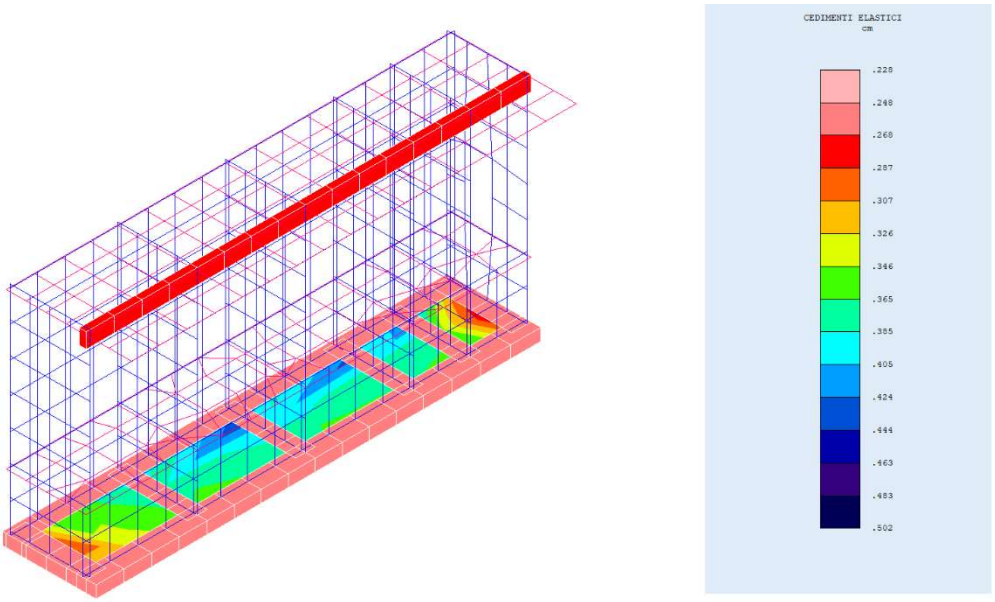
Si riporta di seguito la sintesi dei risultati delle verifiche effettuate.

SINTESI VERIFICHE PORTANZA DEL TERRENO		
descrizione verifiche	status	coeff. sic.
Verifiche PORTANZA GLOBALE - MOLTIPLICATORI DI COLLASSO	**VERIFICA**	1.050
Verifiche allo scorrimento in condizioni drenate	**VERIFICA**	
numero di travi NON Verif. sul totale		
Verifiche PORTANZA GLOBALE - ABBASSAMENTI		
abbassamento massimo [cm]	-0.189	
combinazione di calcolo per cui si ha l'abbassamento massimo	181 (cond. dren.)	
Cedimenti elastici ed edometrici [cm]		
cedimento elastico massimo [cm]	0.5	
cedimento edometrico massimo [cm]	1.26	

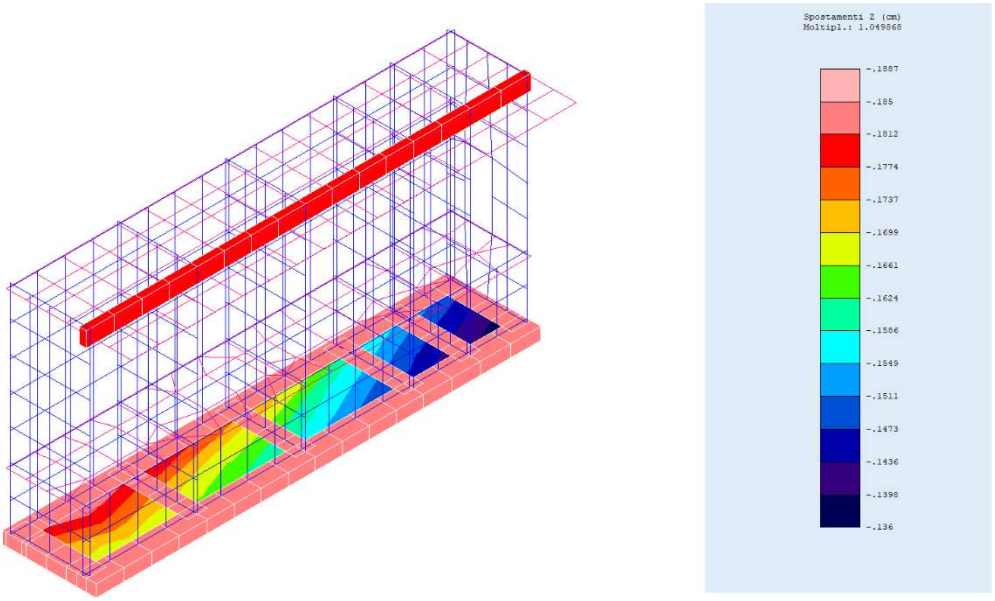




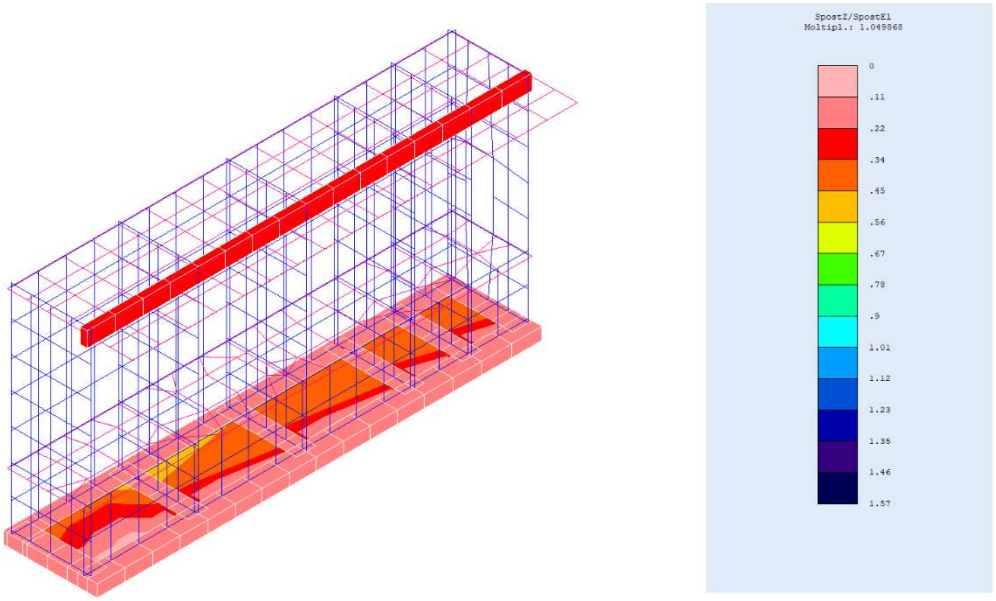
CEDIMENTI EDOMETRICI CM CONDIZ.N. 0



CEDIMENTI ELASTICI CM CONDIZ.N. 0



SPOSTAMENTI Z (CM) MOLTIPL. 1.049868 CONDIZ.N. 0



SPOSTZSPOSTEL MOLTIPL. 1.049868 CONDIZ.N. 0

1.2.2. TABULATI DI CALCOLO

RELAZIONE GEOTECNICA

Sono illustrati con la presente i risultati dei calcoli che riguardano il progetto delle armature, la verifica delle tensioni di lavoro dei materiali e del terreno.

- **NORMATIVA DI RIFERIMENTO**

I calcoli sono condotti nel pieno rispetto della normativa vigente e, in particolare, la normativa cui viene fatto riferimento nelle fasi di calcolo, verifica e progettazione è costituita dalle *Norme Tecniche per le Costruzioni*, emanate con il D.M. 17/01/2018 pubblicato nel suppl. 8 G.U. 42 del 20/02/2018, nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaioo 2019, n. 7 "*Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni*".

Per il calcolo delle strutture in oggetto si adotteranno i criteri della Geotecnica e della Scienza delle Costruzioni.

- **CAPACITÀ PORTANTE DI FONDAZIONI SUPERFICIALI**

La verifica della capacità portante consiste nel confronto tra la pressione verticale di esercizio in fondazione e la pressione limite per il terreno, valutata secondo *Brinch-Hansen*:

$$q_{lim} = q\ Nq\ Yq\ iq\ dq\ bq\ gq\ sq + c\ Nc\ Yc\ ic\ dc\ bc\ gc\ sc + \frac{1}{2} G\ B'\ Ng\ Yg\ ig\ bg\ sg$$

dove

Caratteristiche geometriche della fondazione:

q = *carico sul piano di fondazione*
B = *lato minore della fondazione*
L = *lato maggiore della fondazione*
D = *profondità della fondazione*
α = *inclinazione base della fondazione*
G = p*eso specifico del terreno*
B' = *larghezza di fondazione ridotta = B - 2 eB*
L' = *lunghezza di fondazione ridotta = L - 2 eL*

Caratteristiche di carico sulla fondazione:

H = *risultante delle forze orizzontali*
N = *risultante delle forze verticali*
eB = *eccentricità del carico verticale lungo B*
eL = *eccentricità del carico verticale lungo L*
FhB = *forza orizzontale lungo B*
FhL = *forza orizzontale lungo L*

Caratteristiche del terreno di fondazione:

β = *inclinazione terreno a valle*
c = cu = *coesione non drenata (condizioni U)*
c = c' = *coesione drenata (condizioni D)*
Γ = *peso specifico apparente (condizioni U)*
Γ = Γ' = *peso specifico sommerso (condizioni D)*
ϕ = 0 = *angolo di attrito interno (condizioni U)*
ϕ = ϕ' = *angolo di attrito interno (condizioni D)*

Fattori di capacità portante:

$Nq = \tan^2(\frac{\pi}{4} + \frac{\phi}{2})\exp(\pi \cdot \tan\phi)$ (*Prandtl-Caquot-Meyerhof*)

$Ng = 2(Nq + 1)\tan\phi$ (*Vesic*)

$Nc = \frac{Nq - 1}{\tan\phi}$ in condizioni D (*Reissner-Meyerhof*)

$Nc = 5{,}14$ in condizioni U

Indici di rigidezza (condizioni D):

$Ir = \frac{G}{c' + q'\tan\phi}$ = indice di rigidezza

q' = pressione litostatica efficace alla profondità $D + \frac{B}{2}$

$G = \frac{E}{2(1+\mu)}$ = modulo elastico tangenziale

E = modulo elastico normale

μ =coefficiente di *Poisson*

$Icr = \frac{1}{2}\exp\left[\frac{3{,}3 - 0{,}45\frac{B}{L}}{\tan(45 - \frac{\phi'}{2})}\right]$ = indice di rigidezza critico

Coefficienti di punzonamento (*Vesic*):

$Yq = Yg = \exp\left[\left(0{,}6\frac{B}{L} - 4{,}4\right)\tan\phi' + \frac{3{,}07\sin\phi'\log(2Ir)}{1+\sin\phi'}\right]$ in condizioni drenate, per Ir ≤ Icr

$Yc = Yq - \frac{1 - Yq}{Nq \times \tan\phi'}$

Coefficienti di inclinazione del carico (*Vesic*):

$ig = \left(\frac{1 - H}{N + B \times L \times c' \times \cot ang\phi'}\right)^{m+1}$

$iq = \left(\frac{1 - H}{N + B \times L \times c' \times \cot\phi'}\right)^{m}$

$ic = iq - \frac{1 - iq}{Nc \times \tan\phi'}$ in condizioni D

$$ic = 1 - \frac{m \times H}{B \times L \times cu \times Nc} \qquad \text{in condizioni U}$$

essendo:

$$m = mB\cos^2\Theta + mL sin^2\Theta$$

$$mB = \frac{2 + \frac{B'}{L'}}{1 + \frac{B'}{L'}} \qquad mL = \frac{2 + \frac{L'}{B'}}{1 + \frac{L'}{B'}} \qquad \Theta = \tan^{-1}\frac{Fh \times B}{Fh \times L}$$

Coefficienti di affondamento del piano di posa (*Brinch-Hansen*):

$$dq = 1 + 2\tan\phi(1 - sin\phi)^2 \operatorname{arctg}\frac{D}{B'} \qquad \text{per D > B'}$$

$$dq = 1 + 2\frac{D}{B'}\tan\phi(1 - sin\phi)^2 \qquad \text{per D} \le \text{B'}$$

$$dc = dq - \frac{1 - dq}{Nc \times \tan\phi} \qquad \text{in condizioni D}$$

$$dc = 1 + 0{,}4 arc\tan\frac{D}{B'} \qquad \text{per D > B' in condizioni U}$$

$$dc = 1 + 0{,}4\frac{D}{B'} \qquad \text{per D} \le \text{B' in condizioni U}$$

Coefficienti di inclinazione del piano di posa:

$$bg = \exp(-2{,}7\alpha\tan\phi)$$

$$bc = bq = \exp(-2\alpha\tan\phi) \qquad \text{in condizioni D}$$

$$bc = 1 - \frac{\alpha}{147} \qquad \text{in condizioni U}$$

$$bq = 1 \qquad \text{in condizioni U)}$$

Coefficienti di inclinazione del terreno di fondazione:

$$gc = gq = \sqrt{1 - 0{,}5\tan\beta} \qquad \text{in condizioni D}$$

$$gc = 1 - \frac{\beta}{147} \qquad \text{in condizioni U}$$

$$gq = 1 \qquad \text{in condizioni U}$$

Coefficienti di forma (*De Beer*):

$$sg = 1 - 0{,}4\frac{B'}{L'}$$

$$sq = 1 + \frac{B'}{L'}\tan\phi$$

$$sc = 1 + \frac{B'}{L'}\frac{Nq}{Nc}$$

L'azione del sisma si traduce in accelerazioni nel sottosuolo (effetto cinematico) e nella fondazione, per l'azione delle forze d'inerzia generate nella struttura in elevazione (effetto inerziale). Tali effetti possono essere portati in conto mediante l'introduzione di coefficienti sismici rispettivamente denominati Khi e Igk, il primo definito dal rapporto tra le componenti orizzontale e verticale dei carichi trasmessi in fondazione ed il secondo funzione dell'accelerazione massima attesa al sito. L'effetto inerziale produce variazioni di tutti i coefficienti di capacità portante del carico limite in funzione del coefficiente sismico Khi e viene portato in conto impiegando le formule comunemente adottate per calcolare i coefficienti correttivi del carico limite in funzione dell'inclinazione, rispetto alla verticale, del carico agente sul piano di posa. Nel caso in cui sia stato attivato il flag per tener conto degli effetti cinematici il valore Igk modifica invece il solo coefficiente Ng; il fattore Ng viene infatti moltiplicato sia per il coefficiente correttivo dell'effetto inerziale, sia per il coefficiente correttivo per l'effetto cinematico.

- **CAPACITÀ PORTANTE DI FONDAZIONI SU PALI**

a) Pali resistenti a compressione

Il carico ultimo del palo a compressione risulta:

$$Qlim = Qpunta + Qlater$$

Qpunta: RESISTENZA ALLA PUNTA

- In terreni coesivi in condizioni non drenate:

$$Qpunta = (Cup \times Nc + \sigma_v) \times Ap \times Rc$$

essendo

Cup = coesione non drenata terreno alla quota della punta
Nc = coeff. di capacità portante = 9
σ_v = tensione verticale totale in punta
Ap = area della punta del palo
Rc = coeff. di *Meyerhof* per le argille S/C
Rc = $\frac{D+1}{2D+1}$ per pali trivellati Rc = $\frac{D+0{,}5}{2D}$ per pali infissi
D = diametro del palo

- In terreni coesivi in condizioni drenate (secondo *Vesic*):

$$Qpunta = (\mu \times \sigma_v^{'} \times Nq + c' \times Nc) \times Ap$$

essendo

$$\mu = \frac{1+2(1-sin\phi')}{3}$$

$$Nq = \frac{3}{3-sin\phi'} \exp\left[\left((\frac{\pi}{2}-\phi')\tan\phi'\right)\tan^2(\frac{\pi}{4}+\frac{\phi'}{2}) \times Irr^{\frac{4sin\phi'}{3(1+sin\phi')}}\right]$$

Irr = indice di rigidezza ridotta
Irr $\approx$ Ir = indice di rigidezza = $\frac{G}{c'+\sigma_v^{'}\tan\phi'}$
G = modulo elastico di taglio
$\sigma_v^{'}$ = tensione verticale efficace in punta
Nc = (Nq - 1) cot ϕ'

- In terreni incoerenti (secondo *Berezantzev*):

$$Qpunta = \sigma_v^{'} \times \alpha q \times Nq \times Ap$$

essendo

αq = coeff. di riduzione per effetto silos in funzione di L/D
Nq = calcolato con ϕ* secondo *Kishida*:
ϕ* = ϕ' – 3° per pali trivellati
ϕ* = (ϕ' + 40°) /2 per pali infissi
L = lunghezza del palo

Qlater: RESISTENZA LATERALE

- In terreni coesivi in condizioni non drenate:

$$\text{Qlater} = \alpha \times Cum \times As$$

essendo

Cum = coesione non drenata media lungo lo strato
As = area della superficie laterale del palo
α = coeff. riduttivo in funzione delle modalità esecutive:

- per pali infissi:

α = 1	per Cu ≤ 25 kPa (0,25 kg/cm^2)
α = 1-0,011(Cu-25)	per 25 < Cu < 70 kPa
α = 0,5	per Cu ≥ 70 kPa (0,70 kg/cm^2)

- per pali trivellati:

α = 0,7	per Cu ≤ 25 kPa (0,25 kg/cm^2)
α = 0,7-0,008(Cu-25)	per 25 < Cu < 70 kPa
α = 0,35	per Cu ≥ 70 kPa (0,70 kg/cm^2)

- In terreni coesivi in condizioni drenate:

$$\text{Qlater} = (1 - sin\phi') \cdot \sigma_v^{'}(z) \cdot \mu \cdot As$$

essendo

$\sigma_v^{'}(z)$ = tensione verticale efficace lungo il fusto del palo
μ = coefficiente di attrito:

μ = tan ϕ’	per pali trivellati
μ = tan (3/4·ϕ’)	per pali infissi prefabbricati

- In terreni incoerenti:

$$\text{Qlater} = K \cdot \sigma_v^{'}(z) \cdot \mu \cdot As$$

essendo

$\sigma_v^{'}(z)$ = tensione verticale efficace lungo il fusto del palo
K = coefficiente di spinta:

K = (1 - sin ϕ’)	per pali trivellati
K = 1	per pali infissi

μ = coefficiente di attrito:

μ = tanϕ’	per pali trivellati
μ = tan(3/4·ϕ’)	per pali infissi prefabbricati

Al carico agente sul palo invece va aggiunto il peso proprio del palo stesso e l'eventuale carico dovuto all'attrito negativo.

Pattr_neg: CARICO DA ATTRITO NEGATIVO

Pattr_neg = 0	in terreni coesivi in condizioni non drenate
Pattr_neg = $As \times \beta \times \sigma_m^{'}$	in terreni incoerenti o coesivi in condizioni drenate

essendo

β = coeff. di *Lambe*

σ'_m = pressione verticale efficace media lungo lo strato deformabile

Il carico ammissibile risulta pari a:

$$Qamm = \left(\frac{Qpunta}{\mu_P} + \frac{Qlater}{\mu_L} \right) \times Eg$$

dove:

μ_P = coefficiente di sicurezza del palo per resistenza di punta

μ_L = coefficiente di sicurezza del palo per resistenza laterale

Eg = coefficiente di efficienza dei pali in gruppo:

- in terreni coesivi:

a) per plinti rettangolari (secondo *Converse-La Barre*):

$$Eg = 1 - arc\tan\frac{D}{i} \cdot \frac{(n-1)m + (m-1)n}{90mn}$$

con

m = numero delle file dei pali nel gruppo
n = numero di pali per ciascuna fila
i = interasse fra i pali

b) per plinti triangolari (secondo *Barla*):

$$Eg = 1 - arc\tan\frac{D}{i} \cdot 7.05E-03$$

c) per plinti rettangolari a cinque pali (secondo *Barla*):

$$Eg = 1 - arc\tan\frac{D}{i} \cdot 10.85E-03$$

- in terreni incoerenti:

Eg = 1 per pali infissi
Eg = 2/3 per pali trivellati

b) Pali resistenti a trazione

- Il carico ultimo del palo a trazione vale:

Qlim = Qlater + Ppalo

- Il carico ammissibile risulta invece pari a:

Qamm = Qlim / μL

- **CALCOLO DEI CEDIMENTI**

Il calcolo viene eseguito sulla base della conoscenza delle tensioni nel sottosuolo.

$$\mu = \int \frac{\sigma(z)}{E} dz$$

essendo

E = modulo elastico o edometrico
σ(z) = tensione verticale nel sottosuolo dovuta all'incremento di carico q

La distribuzione delle tensioni verticali viene valutata secondo l'espressione di *Steinbrenner*, considerando la pressione agente uniformemente su una superficie rettangolare di dimensioni B e L:

$$\sigma(z) = \frac{q}{4\pi}\left[\frac{2 \times M \times N \times \sqrt{V} \times (V+1)}{V(V+V1)} + \left| arc\tan \frac{2 \times M \times N \times \sqrt{V}}{V - V1} \right|\right]$$

con:

M = B / z
N = L / z
$V = M^2 + N^2 + 1$
$V1 = (M \times N)^2$

- **CALCOLO NON LINEARE DELLE FONDAZIONI**

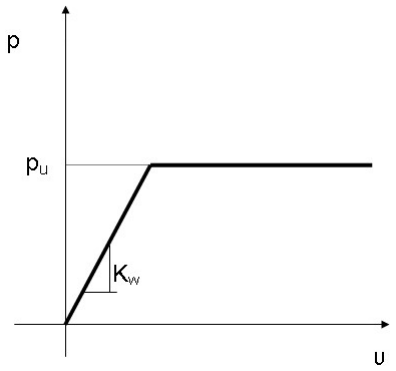
Con le nuove norme tecniche sulle costruzioni la verifica agli S.L.U. delle fondazioni risulta particolarmente onerosa, in particolare nel caso di azioni sismiche rilevanti.

Questo rende difficoltosa l'applicazione in forma automatica del classico modello rigido plastico in quanto non risulta spesso chiaro a quale porzione dell'intero sistema fondale ci si debba riferire nella scrittura dell'equilibrio limite. Tale metodo, inoltre, non è applicabile nel caso di platee di forma generica.

Tale impostazione risulta infatti chiaramente legata ad un approccio di calcolo '*manuale'* che necessita di valutazioni di tipo ingegneristico che mal si adattano ad un approccio di tipo numerico.

Per potere ovviare a tale limite si è implementato un tipo di verifica in cui la modellazione agli elementi finiti dell'intera struttura di fondazione può essere costituita, nella forma più generale, da travi rovesce, plinti, pali e platee e quindi dal terreno.

In particolare gli elementi strutturali vengono modellati in campo elastico lineare mentre il terreno viene modellato come un letto di molle non lineari e non reagenti a trazione il cui legame costitutivo, per una area di impronta unitaria, è rappresentato dal diagramma seguente:



Il legame di tipo elastoplastico reagente a sola compressione è ottenuto utilizzando come rigidezza all'origine la costante di *Winkler* del terreno e come resistenza il valore della capacità portante ultima calcolata con le normali teorie di *Brinch-Hansen* e *Vesic*. Il modello così ottenuto è in grado di tenere in conto dell'eterogeneità del terreno in maniera puntuale.

A questo punto viene condotta un'analisi non lineare a controllo di forza incrementando le azioni agenti fino ad ottenere il collasso della fondazione.

Al fine di verificare la compatibilità delle deformazioni del terreno, che in campo plastico possono diventare molto elevate, con la effettiva capacità di ridistribuzione della fondazione, durante l'analisi viene limitata la rotazione tra i vari punti della stessa. Il raggiungimento di una prefissata rotazione ultima individua il criterio per la determinazione del moltiplicatore di collasso.

Tale modalità di analisi risulta descritta anche nel codice *FEMA 356*, codice di indubbio valore internazionale, a cui può farsi riferimento come previsto dal Cap. 12 delle NTC 2018.

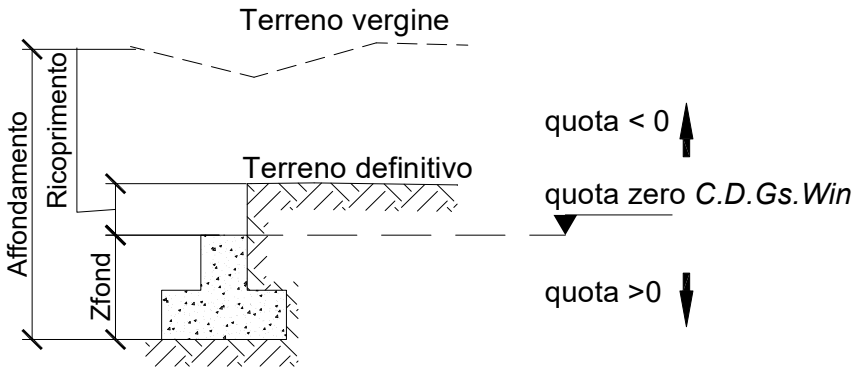
- **SPECIFICHE CAMPI TABELLA DI STAMPA**

Si riporta di seguito la spiegazione delle sigle usate nella tabella di stampa dei dati geometrici delle travi *Winkler*.

Trave	:	*numero sequenziale della trave*
Asta3d	:	*numero asta tipo in C.D.S. Win (spaziale)*
Filo Iniz	:	*primo filo fisso*
Filo Fin.	:	*secondo filo fisso*
Nodo3d In.	:	*numero Nodo3d primo filo fisso*
Nodo3d Fin	:	*numero Nodo3d secondo filo fisso*
X3d In.	:	*ascissa Nodo3d Iniziale*
Y3d In.	:	*ordinata Nodo3d Iniziale*
Z3d In.	:	*quota Nodo3d Iniziale*
X3d Fin	:	*ascissa Nodo3d finale*
Y3d Fin	:	*ordinata Nodo3d finale*
Z3d Fin	:	*quota Nodo3d finale*
Xfond	:	*ascissa baricentro fondazione*
Yfond	:	*ordinata baricentro fondazione*
Zfond	:	*quota baricentro base di fondazione nel riferimento di C.D.Gs. Win*
Bfond	:	*dimensione trasversale trave Winkler*
Lfond	:	*dimensione longitudinale trave Winkler*

- **SPECIFICHE CAMPI TABELLA DI STAMPA**

Si riporta di seguito la spiegazione delle sigle usate nella tabella di stampa della stratigrafia del terreno sottostante le travi *Winkler*.



NOTA: La quota zero di *C.D.Gs. Win* coincide con la quota numero zero dell'alberello quote di *C.D.S. Win* ma cambia la convenzione nel segno: infatti in C. D. Gs. le quote sono positive crescenti procedendo verso il basso, mentre in *C. D. S.* le quote sono positive crescenti verso l'alto.

Trave : ***numero di trave***

Q.t.v. : *quota terreno vergine*

Q.t.d. : *quota definitiva terreno*

Q.falda : *quota falda*

InclTer : *inclinazione terreno*

Numero strato : *Numero dello strato a cui si riferiscono i dati che seguono*

Sp.str. : *Spessore strato. L'ultimo strato ha spessore indefinito, pertanto il relativo dato non viene stampato*

Peso Sp : ***peso specifico***

Fi : *angolo di attrito interno in gradi*

C' : *coesione drenata*

Cu : *coesione non drenata*

Mod.El. : *modulo elastico*

Poisson : *coefficiente di Poisson*

Gr.Sovr : *grado di sovraconsolidazione*

Mod.Ed : *modulo edometrico*

- **SPECIFICHE CAMPI TABELLA DI STAMPA**

Si riporta di seguito la spiegazione delle sigle usate nella tabella di stampa delle risultanti delle sollecitazioni agenti sull'area d'impronta delle travi *Winkler*, nel sistema di riferimento locale (y=asse trave).

Trave	:	***numero di trave sequenziale***
Comb.	:	*Numero della combinazione a cui si riferiscono i dati che seguono*
Rv	:	*Risultante delle pressioni verticali*
Vx	:	*Risultante delle sollecitazioni agenti parallelamente all'asse x locale dell' asta*
Vy	:	*Risultante delle sollecitazioni agenti parallelamente all'asse y locale dell' asta*
Mrx	:	*Momento risultante di asse vettore x nel sistema di riferimento locale dell' asta (momento flettente)*
Mry	:	*Momento risultante di asse vettore y nel sistema di riferimento locale dell' asta (momento torcente)*

- **SPECIFICHE CAMPI TABELLA DI STAMPA**

Si riporta di seguito la spiegazione delle sigle usate nella tabella di stampa della portanza delle fondazioni superficiali (travi *Winkler*,
plinti e piastre) in condizioni drenate e non drenate.

Tabella 1: PARAMETRI GEOTECNICI

Trave, Plinto o Piastra	:	***Numero elemento***
Infiss	:	*Infissione base fondazione dalla quota di terreno definitivo (Zfond+Ricoprimento)*
Tipo Tabella	:	*Tipo di tabella (M1/M2) per i coeff. parziali per i parametri del terreno*
Gamma	:	*Peso specifico totale di calcolo*
Fi	:	*Angolo di attrito interno di calcolo in gradi*
Coes	:	*Coesione drenata di calcolo*
Mod.El.	:	*Modulo elastico di calcolo*
Poiss	:	*Coefficiente di Poisson*
P base	:	***Pressione litostatica base di fondazione in condizioni drenate***
Indice Rigid.	:	*Indice di rigidezza*
IndRig Crit.	:	*Indice di rigidezza critico*
Cu	:	*Coesione non drenata*
Pbase	:	*Pressione litostatica base di fondazione in cond. non drenate*

Tabella 2: COEFFICIENTI DI PORTANZA

Trave, Plinto o Piastra	:	***Numero elemento***
Nc	:	*Coefficiente di portanza di Brinch-Hansen*
Nq	:	*Coefficiente di portanza di Brinch-Hansen*
Ng	:	*Coefficiente di portanza di Brinch-Hansen*
Gc	:	*Coefficiente di inclinazione del terreno*
Gq	:	*Coefficiente di inclinazione del terreno*
bc	:	*Coefficiente di inclinazione del piano di posa*
bq	:	*Coefficiente di inclinazione del piano di posa*
Igk	:	*Coefficiente per effetti cinematici*
Comb.Nro	:	*Numero della combinazione di carico*
Icv	:	***Coefficiente di inclinazione del carico***
Iqv	:	*Coefficiente di inclinazione del carico*
Igv	:	*Coefficiente di inclinazione del carico*
Dc	:	*Coefficiente di affondamento del piano di posa*
Dq	:	*Coefficiente di affondamento del piano di posa*
Dg	:	***Coefficiente di affondamento del piano di posa***
Sc	:	*Coefficiente di forma*
Sq	:	*Coefficiente di forma*
Sg	:	*Coefficiente di forma*
Psic	:	*Coefficiente di punzonamento*
Psiq	:	*Coefficiente di punzonamento*
Psig	:	*Coefficiente di punzonamento*

Tabella 3: PORTANZA (per Risultanti)

Trave, Plinto o Piastra	:	***Numero elemento in numerazione calcolo C.D.Gs. Win***
Asta3d, Filo	:	*Identificativo di input*
Comb.	:	*Numero della combinazione a cui si riferiscono i dati che seguono*
Bx'	:	*Base di fondazione ridotta lungo x per eccentricità*
By'	:	*Base di fondazione ridotta lungo y per eccentricità*
GamEf	:	*Peso specifico efficace di calcolo*
QlimV	:	*Carico limite in condiz. drenate o non drenate comprensivo dei Coeff. Parziali R1/R2/R3*
N	:	*Carico verticale agente*

Coeff.Sicur. : ***Minimo tra i rapporti (QlimV/N) tra la condiz. drenata e quella non drenata per la combinazione in esame***

Tra tutte le combinazioni vengono riportati i seguenti dati:

Minimo CoeSic : ***Minimo coefficiente di sicurezza***
N/Ar : *Tensione media agente sull' impronta ridotta*
Qlim/Ar : *Tensione limite sull' impronta ridotta*
Status Verifica : *Si possono avere i seguenti messaggi:*

OK *= Verifica soddisfatta*

NONVERIF *= Non verifica nei seguenti casi:*
1. *Coefficiente di sicurezza minore di 1*
2. *Se Bx=0 o By=0 per eccentricita' eccessiva dei carichi*
3. *Se QlimV=0 per inclinazione dei carichi eccessiva a causa di forze orizzontali elevate*

SCARICA *= Verifica soddisfatta:Impronta non sollecitata o in trazione*

DECOMPR *= Verifica soddisfatta:*
4. *lo sforzo agente sull'elemento è di trazione, ma la risultante dei carichi agenti sul terreno è di debole compressione per effetto del peso proprio dell'elemento stesso.*

Tabella 3: PORTANZA (per Tensioni)

Trave, Plinto o Piastra : ***Numero elemento in numerazione calcolo C.D.Gs. Win***
Asta3d, Filo : *Identificativo di input*
Comb. : *Numero della combinazione a cui si riferiscono i dati che seguono*
Bx' : *Base di fondazione ridotta lungo x per eccentricità*
By' : *Base di fondazione ridotta lungo y per eccentricità*
GamEf : *Peso specifico efficace di calcolo*
SgmLimV : *Tensione limite in condiz. drenate o non drenate*
SgmTerr : *Tensione elastica massima sul terreno*
Coeff.Sicur. : ***Minimo tra i rapporti (SgmLimV/SgmTerr) tra la condiz. drenata e quella non drenata per la combinazione in esame***

Tra tutte le combinazioni vengono riportati i seguenti dati:

Minimo CoeSic : ***Minimo coefficiente di sicurezza***
N/Ar : *Tensione media agente sull' impronta ridotta*
Qlim/Ar : *Tensione limite media sull' impronta ridotta (SgmLimV minima)*
Status Verifica : *Si possono avere i seguenti messaggi:*

OK *= Verifica soddisfatta*

NOVERIF *= Non verifica nei seguenti casi:*
5. *Coefficiente di sicurezza minore di 1*
6. *Se Bx=0 o By=0 per eccentricita' eccessiva dei carichi*
7. *Se SgmLimV=0 per inclinazione dei carichi eccessiva a causa di forze orizzontali elevate*

SCARICA *= Impronta non sollecitata o in trazione*

DECOMPR *= Verifica soddisfatta:*
8. *lo sforzo agente sull'elemento è di trazione, ma la risultante dei carichi agenti sul terreno è di debole compressione per effetto del peso proprio dell'elemento stesso.*

- **SPECIFICHE CAMPI TABELLA DI STAMPA**

Si riporta di seguito la spiegazione delle sigle usate nella tabella di stampa della portanza delle fondazioni superficiali (travi *Winkler*,
plinti e piastre) in condizioni drenate e non drenate.

Tabella 1: PARAMETRI GEOTECNICI

Trave, Plinto o Piastra	:	***Numero elemento***
Infiss	:	*Infissione base fondazione dalla quota di terreno definitivo (Zfond+Ricoprimento)*
Tipo Tabella	:	*Tipo di tabella (M1/M2) per i coeff. parziali per i parametri del terreno*
Gamma	:	*Peso specifico totale di calcolo*
Fi	:	*Angolo di attrito interno di calcolo in gradi*
Coes	:	*Coesione drenata di calcolo*
Mod.El.	:	*Modulo elastico di calcolo*
Poiss	:	*Coefficiente di Poisson*
P base	:	***Pressione litostatica base di fondazione in condizioni drenate***
Indice Rigid.	:	*Indice di rigidezza*
IndRig Crit.	:	*Indice di rigidezza critico*
Cu	:	*Coesione non drenata*
Pbase	:	*Pressione litostatica base di fondazione in cond. non drenate*

Tabella 2: COEFFICIENTI DI PORTANZA

Trave, Plinto o Piastra	:	***Numero elemento***
Nc	:	*Coefficiente di portanza di Brinch-Hansen*
Nq	:	*Coefficiente di portanza di Brinch-Hansen*
Ng	:	*Coefficiente di portanza di Brinch-Hansen*
Gc	:	*Coefficiente di inclinazione del terreno*
Gq	:	*Coefficiente di inclinazione del terreno*
bc	:	*Coefficiente di inclinazione del piano di posa*
bq	:	*Coefficiente di inclinazione del piano di posa*
Igk	:	*Coefficiente per effetti cinematici*
Comb.Nro	:	*Numero della combinazione di carico*
Icv	:	***Coefficiente di inclinazione del carico***
Iqv	:	*Coefficiente di inclinazione del carico*
Igv	:	*Coefficiente di inclinazione del carico*
Dc	:	*Coefficiente di affondamento del piano di posa*
Dq	:	*Coefficiente di affondamento del piano di posa*
Dg	:	***Coefficiente di affondamento del piano di posa***
Sc	:	*Coefficiente di forma*
Sq	:	*Coefficiente di forma*
Sg	:	*Coefficiente di forma*
Psic	:	*Coefficiente di punzonamento*
Psiq	:	*Coefficiente di punzonamento*
Psig	:	*Coefficiente di punzonamento*

Tabella 3: PORTANZA (per Risultanti)

Trave, Plinto o Piastra	:	***Numero elemento in numerazione calcolo C.D.Gs. Win***
Asta3d, Filo	:	*Identificativo di input*
Comb.	:	*Numero della combinazione a cui si riferiscono i dati che seguono*
Bx'	:	*Base di fondazione ridotta lungo x per eccentricità*
By'	:	*Base di fondazione ridotta lungo y per eccentricità*
GamEf	:	*Peso specifico efficace di calcolo*
QlimV	:	*Carico limite in condiz. drenate o non drenate comprensivo dei Coeff. Parziali R1/R2/R3*
N	:	*Carico verticale agente*

Coeff.Sicur. : ***Minimo tra i rapporti (QlimV/N) tra la condiz. drenata e quella non drenata per la combinazione in esame***

Tra tutte le combinazioni vengono riportati i seguenti dati:

Minimo CoeSic : ***Minimo coefficiente di sicurezza***
N/Ar : *Tensione media agente sull' impronta ridotta*
Qlim/Ar : *Tensione limite sull' impronta ridotta*
Status Verifica : *Si possono avere i seguenti messaggi:*

OK *= Verifica soddisfatta*

NONVERIF *= Non verifica nei seguenti casi:*
9. *Coefficiente di sicurezza minore di 1*
10. *Se Bx=0 o By=0 per eccentricita' eccessiva dei carichi*
11. *Se QlimV=0 per inclinazione dei carichi eccessiva a causa di forze orizzontali elevate*

SCARICA *= Verifica soddisfatta:Impronta non sollecitata o in trazione*

DECOMPR *= Verifica soddisfatta:*
12. *lo sforzo agente sull'elemento è di trazione, ma la risultante dei carichi agenti sul terreno è di debole compressione per effetto del peso proprio dell'elemento stesso.*

Tabella 3: PORTANZA (per Tensioni)

Trave, Plinto o Piastra : ***Numero elemento in numerazione calcolo C.D.Gs. Win***
Asta3d, Filo : *Identificativo di input*
Comb. : *Numero della combinazione a cui si riferiscono i dati che seguono*
Bx' : *Base di fondazione ridotta lungo x per eccentricità*
By' : *Base di fondazione ridotta lungo y per eccentricità*
GamEf : *Peso specifico efficace di calcolo*
SgmLimV : *Tensione limite in condiz. drenate o non drenate*
SgmTerr : *Tensione elastica massima sul terreno*
Coeff.Sicur. : ***Minimo tra i rapporti (SgmLimV/SgmTerr) tra la condiz. drenata e quella non drenata per la combinazione in esame***

Tra tutte le combinazioni vengono riportati i seguenti dati:

Minimo CoeSic : ***Minimo coefficiente di sicurezza***
N/Ar : *Tensione media agente sull' impronta ridotta*
Qlim/Ar : *Tensione limite media sull' impronta ridotta (SgmLimV minima)*
Status Verifica : *Si possono avere i seguenti messaggi:*

OK *= Verifica soddisfatta*

NOVERIF *= Non verifica nei seguenti casi:*
13. *Coefficiente di sicurezza minore di 1*
14. *Se Bx=0 o By=0 per eccentricita' eccessiva dei carichi*
15. *Se SgmLimV=0 per inclinazione dei carichi eccessiva a causa di forze orizzontali elevate*

SCARICA *= Impronta non sollecitata o in trazione*

DECOMPR *= Verifica soddisfatta:*
16. *lo sforzo agente sull'elemento è di trazione, ma la risultante dei carichi agenti sul terreno è di debole compressione per effetto del peso proprio dell'elemento stesso.*

- **SPECIFICHE CAMPI TABELLA DI STAMPA**

La verifica allo scorrimento delle fondazioni superficiali è stata condotta calcolando la resistenza limite secondo la seguente relazione, che tiene in conto sia il contributo ad attrito che quello coesivo:

$$V_{res} = \frac{N}{\gamma_r} \times \frac{tg\varphi}{\gamma_\varphi} + \frac{A}{\gamma_r} \times \frac{C}{\gamma_C}$$

in cui:

γ_φ, γ_C : ***Coefficienti parziali per i parametri geotecnici (NTC Tabella 6.2.II)***

γ_r : *Coefficienti parziali SLU fondazioni superficiali (NTC Tabella 6.4.I)*

Si riporta di seguito la spiegazione delle sigle usate nella precedente relazione e nella relativa tabella di stampa.

Comb. : ***Numero combinazione a cui si riferisce la verifica***

Tipo Elem. : *Tipo di elemento strutturale: Trave/Plinto/Piastra*

Elem. N.ro : *Numero dell'elemento strutturale (numero Travata/Filo/Nodo3D) in base al tipo elemento (Asta Winkler/Plinto/Platea)*

N : *Scarico verticale*

tg φ/ γ_φ/ γ_r : *Coefficiente attrito di progetto*

C/ γ_C/ γ_r : *Adesione di progetto*

Area : *Area ridotta*

Vres : *Resistenza allo scorrimento dell' elemento strutturale*

Fh : *Azione orizzontale trasmessa dall' elemento strutturale*

Verifica Locale : *Flag di verifica allo scorrimento del singolo elemento. Se l'elemento è collegato al resto della fondazione, la condizione di slittamento del singolo elemento non pregiudica la verifica globale della intera fondazione*

S(Vres) : *Somma dei contributi resistenti dei vari elementi strutturali*

S(Fh) : *Somma dei contributi delle azioni orizzontali trasmesse dai vari elementi strutturali*

Verifica Globale : *Flag di verifica globale allo scorrimento della intera fondazione*

- **SPECIFICHE CAMPI TABELLA DI STAMPA**

Si riporta di seguito la spiegazione delle sigle usate sia nella tabella di stampa della portanza globale della fondazione, sia nella tabella della portanza di fondazione delle platee calcolata con analisi elastica del terreno:

Tabella 1: Moltiplicatori di Collasso

Comb. Nro	:	*Numero della combinazione*
Risultante	:	*Valore della risultante delle forze trasmesse dalla fondazione per la combinazione attuale*
Resistenza	:	*Valore della resistenza del terreno mobilitata in base al moltiplicatore dei carichi attuale*
Moltipl.Collasso	:	*Valore del moltiplicatore dei carichi con cui è stato eseguito il calcolo. Poiche' tutti i coefficienti di sicurezza sono gia' stati considerati nei carichi e nelle caratteristiche dei materiali, un moltiplicatore = 1 significa che la verifica di portanza e' soddisfatta.*
%Pl.Molle	:	*Percentuale delle molle in fase plastica nella combinazione attuale*
STATUS	:	*Per moltiplicatori di collasso < 1 mostra NOVERIF, altrimenti OK*

Tabella 2: Abbassamenti

Nodo3d	:	*Numero del nodo3d a cui si riferisce la molla elasto-plastica*
SpostZ	:	*Abbassamento della molla elasto-plastica in corrispondenza del nodo3d*
SpostZ/SpostEl	:	*Fattore di plasticizzazione della molla:*

FASE ELASTICA ≤1 ; FASE PLASTICA > 1

Se per alcuni nodi non e' stato possibile ottenere la caratterizzazione geotecnica, allora tali nodi vengono esclusi dal modello di calcolo e la relativa molla viene contrassegnata in stampa con la sigla 'SCARTATA'

- **SPECIFICHE CAMPI TABELLA DI STAMPA**

Si riporta di seguito la spiegazione delle sigle usate nella tabella di stampa dei cedimenti.

Filo	:	*numero del filo fisso in corrispondenza del quale viene calcolato lo stato deformativo*
Comb.	:	*numero di combinazione di carico*
Ced.El.	:	*cedimento elastico*
Ced.Ed.	:	*cedimento edometrico*

DATI GENERALI

COEFFICIENTI PARZIALI GEOTECNICA			
	TABELLA M1	TABELLA M2	
Tangente Resist. Taglio	1.00		
Peso Specifico	1.00		
Coesione Efficace (c'k)	1.00		
Resist. a taglio NON drenata (cuk)	1.00		
Tipo Approccio	Combinazione Unica: (A1+M1+R3)		
Tipo di fondazione	Su Pali Infissi		
	COEFFICIENTE R1	COEFFICIENTE R2	COEFFICIENTE R3
Capacita' Portante			2.30
Scorrimento			1.10
Resist. alla Base			1.15
Resist. Lat. a Compr.			1.15
Resist. Lat. a Traz.			1.25
Carichi Trasversali			1.30
Fattore di correlazione CSI per il calcolo di Rk pali			1.70

CRITERI DI PROGETTO GEOTECNICI - FONDAZIONI SUPERFICIALI

IDEN	CARATTERISTICHE DI SITO					IDEN	CARATTERISTICHE DI SITO					IDEN	CARATTERISTICHE DI SITO				
Crit N.ro	Falda (m)	Affond (m)	Ricopr (m)	Pend.X (grd)	Pend.Y (Grd)	Crit N.ro	Falda (m)	Affond (m)	Ricopr (m)	Pend.X (grd)	Pend.Y (Grd)	Crit N.ro	Falda (m)	Affond (m)	Ricopr (m)	Pend.X (grd)	Pend.Y (Grd)
1		0.00	0.00	0	0	2		0.00	0.00	0	0	3		0.00	0.00	0	0
4		0.00	0.00	0	0												

GEOMETRIA TRAVI WINKLER

IDENTIFICATIVO						COORDINATE 3D ESTREMI ASTA WINKLER						DATI IMPRONTA				
Trave N.ro	Ast3d N.ro	Fil In.	Fil Fin	Nod3d Iniz.	Nod3d Fin.	X3dIn. (m)	Y3dIn. (m)	Z3dIn. (m)	X3dFin (m)	Y3dFin (m)	Z3dFin (m)	Xfond (m)	Yfond (m)	Zfond (m)	Bfond (m)	Lfond (m)
1	1	2	71	1	180	0.00	2.65	0.00	0.93	2.65	0.00	0.46	2.45	0.40	0.70	0.93
2	2	3	74	2	187	3.70	2.65	0.00	4.60	2.65	0.00	4.15	2.45	0.40	0.70	0.90
3	3	4	77	3	194	7.30	2.65	0.00	8.20	2.65	0.00	7.75	2.45	0.40	0.70	0.90
4	4	5	78	4	201	10.90	2.65	0.00	11.85	2.65	0.00	11.38	2.45	0.40	0.70	0.95
5	5	6	37	5	204	12.80	2.65	0.00	13.81	2.65	0.00	13.31	2.45	0.40	0.70	1.01
6	6	1	68	7	172	0.00	0.00	0.00	0.00	0.66	0.00	0.32	0.33	0.40	0.70	0.66
7	7	8	19	8	21	14.82	0.00	0.00	14.82	0.66	0.00	14.49	0.33	0.40	0.70	0.66
8	8	9	31	9	213	12.80	0.00	0.00	12.80	0.66	0.00	12.80	0.33	0.40	0.70	0.66
9	9	10	84	10	220	10.90	0.00	0.00	10.90	0.66	0.00	10.90	0.33	0.40	0.70	0.66
10	10	11	87	11	227	7.30	0.00	0.00	7.30	0.66	0.00	7.30	0.33	0.40	0.70	0.66
11	11	12	81	12	206	3.70	0.00	0.00	3.70	0.66	0.00	3.70	0.33	0.40	0.70	0.66
12	12	1	90	7	234	0.00	0.00	0.00	0.93	0.00	0.00	0.46	0.00	0.40	0.70	0.93
13	13	9	30	9	240	12.80	0.00	0.00	13.81	0.00	0.00	13.31	0.00	0.40	0.70	1.01
14	14	10	45	10	242	10.90	0.00	0.00	11.85	0.00	0.00	11.38	0.00	0.40	0.70	0.95
15	15	11	53	11	244	7.30	0.00	0.00	8.20	0.00	0.00	7.75	0.00	0.40	0.70	0.90
16	16	12	63	12	250	3.70	0.00	0.00	4.60	0.00	0.00	4.15	0.00	0.40	0.70	0.90
17	22	71	70	180	181	0.93	2.65	0.00	1.85	2.65	0.00	1.39	2.45	0.40	0.70	0.93
18	23	70	69	181	182	1.85	2.65	0.00	2.78	2.65	0.00	2.31	2.45	0.40	0.70	0.93
19	24	69	3	182	2	2.78	2.65	0.00	3.70	2.65	0.00	3.24	2.45	0.40	0.70	0.92
20	25	74	73	187	188	4.60	2.65	0.00	5.50	2.65	0.00	5.05	2.45	0.40	0.70	0.90
21	26	73	72	188	189	5.50	2.65	0.00	6.40	2.65	0.00	5.95	2.45	0.40	0.70	0.90
22	27	72	4	189	3	6.40	2.65	0.00	7.30	2.65	0.00	6.85	2.45	0.40	0.70	0.90
23	28	77	76	194	195	8.20	2.65	0.00	9.10	2.65	0.00	8.65	2.45	0.40	0.70	0.90
24	29	76	75	195	196	9.10	2.65	0.00	10.00	2.65	0.00	9.55	2.45	0.40	0.70	0.90
25	30	75	5	196	4	10.00	2.65	0.00	10.90	2.65	0.00	10.45	2.45	0.40	0.70	0.90
26	31	78	6	201	5	11.85	2.65	0.00	12.80	2.65	0.00	12.33	2.45	0.40	0.70	0.95
27	32	37	7	204	6	13.81	2.65	0.00	14.82	2.65	0.00	14.31	2.45	0.40	0.70	1.01
28	33	68	67	172	173	0.00	0.66	0.00	0.00	1.33	0.00	0.32	0.99	0.40	0.70	0.66
29	34	67	66	173	174	0.00	1.33	0.00	0.00	1.99	0.00	0.32	1.66	0.40	0.70	0.66
30	35	66	2	174	1	0.00	1.99	0.00	0.00	2.65	0.00	0.32	2.32	0.40	0.70	0.66
31	36	19	20	21	22	14.82	0.66	0.00	14.82	1.33	0.00	14.49	0.99	0.40	0.70	0.66
32	37	20	21	22	23	14.82	1.33	0.00	14.82	1.99	0.00	14.49	1.66	0.40	0.70	0.66
33	38	21	7	23	6	14.82	1.99	0.00	14.82	2.65	0.00	14.49	2.32	0.40	0.70	0.66
34	39	31	33	213	214	12.80	0.66	0.00	12.80	1.33	0.00	12.80	0.99	0.40	0.70	0.66
35	40	33	35	214	215	12.80	1.33	0.00	12.80	1.99	0.00	12.80	1.66	0.40	0.70	0.66
36	41	35	6	215	5	12.80	1.99	0.00	12.80	2.65	0.00	12.80	2.32	0.40	0.70	0.66
37	42	84	83	220	221	10.90	0.66	0.00	10.90	1.33	0.00	10.90	0.99	0.40	0.70	0.66
38	43	83	82	221	222	10.90	1.33	0.00	10.90	1.99	0.00	10.90	1.66	0.40	0.70	0.66
39	44	82	5	222	4	10.90	1.99	0.00	10.90	2.65	0.00	10.90	2.32	0.40	0.70	0.66
40	45	87	86	227	228	7.30	0.66	0.00	7.30	1.33	0.00	7.30	0.99	0.40	0.70	0.66
41	46	86	85	228	229	7.30	1.33	0.00	7.30	1.99	0.00	7.30	1.66	0.40	0.70	0.66
42	47	85	4	229	3	7.30	1.99	0.00	7.30	2.65	0.00	7.30	2.32	0.40	0.70	0.66
43	48	81	80	206	207	3.70	0.66	0.00	3.70	1.33	0.00	3.70	0.99	0.40	0.70	0.66
44	49	80	79	207	208	3.70	1.33	0.00	3.70	1.99	0.00	3.70	1.66	0.40	0.70	0.66
45	50	79	3	208	2	3.70	1.99	0.00	3.70	2.65	0.00	3.70	2.32	0.40	0.70	0.66
46	51	90	89	234	235	0.93	0.00	0.00	1.85	0.00	0.00	1.39	0.00	0.40	0.70	0.93
47	52	89	88	235	236	1.85	0.00	0.00	2.78	0.00	0.00	2.31	0.00	0.40	0.70	0.93
48	53	88	12	236	12	2.78	0.00	0.00	3.70	0.00	0.00	3.24	0.00	0.40	0.70	0.92
49	54	30	8	240	8	13.81	0.00	0.00	14.82	0.00	0.00	14.31	0.00	0.40	0.70	1.01
50	55	45	9	242	9	11.85	0.00	0.00	12.80	0.00	0.00	12.33	0.00	0.40	0.70	0.95
51	56	53	54	244	245	8.20	0.00	0.00	9.10	0.00	0.00	8.65	0.00	0.40	0.70	0.90
52	57	54	55	245	246	9.10	0.00	0.00	10.00	0.00	0.00	9.55	0.00	0.40	0.70	0.90
53	58	55	10	246	10	10.00	0.00	0.00	10.90	0.00	0.00	10.45	0.00	0.40	0.70	0.90
54	59	63	64	250	251	4.60	0.00	0.00	5.50	0.00	0.00	5.05	0.00	0.40	0.70	0.90
55	60	64	65	251	252	5.50	0.00	0.00	6.40	0.00	0.00	5.95	0.00	0.40	0.70	0.90
56	61	65	11	252	11	6.40	0.00	0.00	7.30	0.00	0.00	6.85	0.00	0.40	0.70	0.90

STRATIGRAFIA TRAVI WINKLER

Trave N.ro	Q.t.v. (m)	Q.t.d. (m)	Q.falda (m)	Incl Grd	Kw kg/cmc	Numero Strato	Sp.str. (m)	Peso Sp kg/mc	Fi' (Grd)	C' kg/cmq	Cu kg/cmq	Mod.El. kg/cmq	Poisson	Gr.Sovr	Mod.Ed. kg/cmq
1	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00

STRATIGRAFIA TRAVI WINKLER

Trave N.ro	Q.t.v. (m)	Q.t.d. (m)	Q.falda (m)	Incl Grd	Kw kg/cmc	Numero Strato	Sp.str. (m)	Peso Sp kg/mc	Fi' (Grd)	C' kg/cmq	Cu kg/cmq	Mod.El. kg/cmq	Poisson	Gr.Sovr	Mod.Ed. kg/cmq
2	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
3	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
4	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
5	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
6	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
7	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
8	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
9	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
10	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
11	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
12	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
13	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
14	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
15	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
16	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
17	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
18	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
19	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
20	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
21	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
22	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
23	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
24	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
25	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
26	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
27	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
28	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
29	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
30	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
31	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00

STRATIGRAFIA TRAVI WINKLER

Trave N.ro	Q.t.v. (m)	Q.t.d. (m)	Q.falda (m)	Incl Grd	Kw kg/cmc	Numero Strato	Sp.str. (m)	Peso Sp kg/mc	Fi' (Grd)	C' kg/cmq	Cu kg/cmq	Mod.El. kg/cmq	Poisson	Gr.Sovr	Mod.Ed. kg/cmq
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
32	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
33	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
34	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
35	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
36	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
37	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
38	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
39	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
40	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
41	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
42	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
43	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
44	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
45	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
46	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
47	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
48	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
49	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
50	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
51	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
52	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
53	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
54	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
55	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00
56	0.40	0.00		0	10.00	1	1.50	1800	40.00	0.00	0.00	318.00	0.40	1.00	127.00
						2		1960	45.00	0.00	0.00	480.00	0.40	1.00	193.00

COMBINAZIONI CARICHI - S.L.U. - A1

DESCRIZIONI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Peso Strutturale	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.00
Perm.Non Strutturale	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.00
Var.Abitazioni	1.50	1.05	1.50	1.05	1.05	1.50	1.05	1.05	1.50	1.05	1.05	1.50	1.05	1.05	0.30
Var.Neve h<=1000	0.75	1.50	0.75	1.50	0.75	0.75	1.50	0.75	0.75	1.50	0.75	0.75	1.50	0.75	0.00
Vento dir. 0	0.00	0.00	0.90	0.90	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 90	0.00	0.00	0.00	0.00	0.00	0.90	0.90	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.90	1.50	0.00	0.00	0.00	0.00
Vento dir. 270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.90	1.50	0.00

COMBINAZIONI CARICHI - S.L.U. - A1

DESCRIZIONI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Corr. Tors. dir. 0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Corr. Tors. dir. 90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30
Sisma direz. grd 0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Sisma direz. grd 90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30

COMBINAZIONI CARICHI - S.L.U. - A1

DESCRIZIONI	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Peso Strutturale	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Perm.Non Strutturale	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Var.Abitazioni	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Var.Neve h<=1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corr. Tors. dir. 0	-1.00	1.00	-1.00	1.00	-1.00	1.00	-1.00	-1.00	1.00	-1.00	1.00	-1.00	1.00	-1.00	1.00
Corr. Tors. dir. 90	0.30	-0.30	-0.30	-0.30	-0.30	0.30	0.30	0.30	0.30	-0.30	-0.30	-0.30	-0.30	0.30	0.30
Sisma direz. grd 0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
Sisma direz. grd 90	0.30	0.30	0.30	-0.30	-0.30	-0.30	-0.30	0.30	0.30	0.30	0.30	-0.30	-0.30	-0.30	-0.30

COMBINAZIONI CARICHI - S.L.U. - A1

DESCRIZIONI	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Peso Strutturale	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Perm.Non Strutturale	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Var.Abitazioni	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Var.Neve h<=1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corr. Tors. dir. 0	0.30	-0.30	0.30	-0.30	0.30	-0.30	0.30	-0.30	-0.30	0.30	-0.30	0.30	-0.30	0.30	-0.30
Corr. Tors. dir. 90	1.00	1.00	-1.00	-1.00	-1.00	-1.00	1.00	1.00	1.00	1.00	-1.00	-1.00	-1.00	-1.00	1.00
Sisma direz. grd 0	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30
Sisma direz. grd 90	1.00	1.00	1.00	1.00	-1.00	-1.00	-1.00	-1.00	1.00	1.00	1.00	1.00	-1.00	-1.00	-1.00

COMBINAZIONI CARICHI - S.L.U. - A1

DESCRIZIONI	46
Peso Strutturale	1.00
Perm.Non Strutturale	1.00
Var.Abitazioni	0.30
Var.Neve h<=1000	0.00
Vento dir. 0	0.00
Vento dir. 90	0.00
Vento dir. 180	0.00
Vento dir. 270	0.00
Corr. Tors. dir. 0	0.30
Corr. Tors. dir. 90	1.00
Sisma direz. grd 0	-0.30
Sisma direz. grd 90	-1.00

COMBINAZIONI RARE - S.L.E.

DESCRIZIONI	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Peso Strutturale	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Perm.Non Strutturale	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Var.Abitazioni	1.00	0.70	1.00	0.70	0.70	1.00	0.70	0.70	1.00	0.70	0.70	1.00	0.70	0.70
Var.Neve h<=1000	0.50	1.00	0.50	1.00	0.50	0.50	1.00	0.50	0.50	1.00	0.50	0.50	1.00	0.50
Vento dir. 0	0.00	0.00	0.60	0.60	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 90	0.00	0.00	0.00	0.00	0.00	0.60	0.60	1.00	0.00	0.00	0.00	0.00	0.00	0.00
Vento dir. 180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60	1.00	0.00	0.00	0.00
Vento dir. 270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60	1.00
Corr. Tors. dir. 0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corr. Tors. dir. 90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sisma direz. grd 0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sisma direz. grd 90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COMBINAZIONI FREQUENTI - S.L.E.

DESCRIZIONI	1	2	3	4	5	6
Peso Strutturale	1.00	1.00	1.00	1.00	1.00	1.00
Perm.Non Strutturale	1.00	1.00	1.00	1.00	1.00	1.00
Var.Abitazioni	0.50	0.30	0.30	0.30	0.30	0.30
Var.Neve h<=1000	0.00	0.20	0.00	0.00	0.00	0.00
Vento dir. 0	0.00	0.00	0.20	0.00	0.00	0.00
Vento dir. 90	0.00	0.00	0.00	0.20	0.00	0.00
Vento dir. 180	0.00	0.00	0.00	0.00	0.20	0.00
Vento dir. 270	0.00	0.00	0.00	0.00	0.00	0.20
Corr. Tors. dir. 0	0.00	0.00	0.00	0.00	0.00	0.00
Corr. Tors. dir. 90	0.00	0.00	0.00	0.00	0.00	0.00
Sisma direz. grd 0	0.00	0.00	0.00	0.00	0.00	0.00
Sisma direz. grd 90	0.00	0.00	0.00	0.00	0.00	0.00

COMBINAZIONI PERMANENTI - S.L.E.

DESCRIZIONI	1
Peso Strutturale	1.00
Perm.Non Strutturale	1.00
Var.Abitazioni	0.30
Var.Neve h<=1000	0.00
Vento dir. 0	0.00
Vento dir. 90	0.00
Vento dir. 180	0.00
Vento dir. 270	0.00

COMBINAZIONI PERMANENTI - S.L.E.

DESCRIZIONI	1
Corr. Tors. dir. 0	0.00
Corr. Tors. dir. 90	0.00
Sisma direz. grd 0	0.00
Sisma direz. grd 90	0.00

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLU

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
1		A1/1	12697	0	0	1247	5814
		A1/2	12232	0	0	1213	5082
		A1/3	12630	0	55	1182	5777
		A1/4	12165	0	54	1147	5044
		A1/5	12023	0	91	1058	5542
		A1/6	13271	184	0	1293	7862
		A1/7	12807	182	0	1258	7129
		A1/8	13093	316	0	1244	9017
		A1/9	12763	0	53	1310	5850
		A1/10	12298	0	52	1276	5117
		A1/11	12245	0	89	1273	5664
		A1/12	12148	168	0	1201	3852
		A1/13	11684	166	0	1166	3120
		A1/14	11221	271	0	1090	2335
	X+	A1/18	7913	447	1379	1573	10838
	X-	A1/25	12915	729	2251	3284	12854
	Y+	A1/41	15986	3007	836	1885	29252
	Y-	A1/43	2385	449	125	1015	19026
2		A1/1	12181	0	0	765	5374
		A1/2	11739	0	0	735	4671
		A1/3	12149	0	53	706	5358
		A1/4	11707	0	52	676	4654
		A1/5	11600	0	88	608	5158
		A1/6	12735	176	0	791	7346
		A1/7	12293	174	0	762	6643
		A1/8	12577	304	0	750	8473
		A1/9	12212	0	51	823	5391
		A1/10	11770	0	50	794	4687
		A1/11	11705	0	85	803	5214
		A1/12	11650	161	0	737	3472
		A1/13	11208	159	0	708	2769
		A1/14	10768	260	0	660	2016
	X+	A1/18	8855	500	1543	1665	10775
	X-	A1/25	11194	632	1951	2761	11724
	Y+	A1/41	15037	2829	786	1426	27941
	Y-	A1/43	1814	341	95	970	19047
3		A1/1	11957	0	0	843	5331
		A1/2	11527	0	0	811	4630
		A1/3	11957	0	52	783	5332
		A1/4	11527	0	51	751	4631
		A1/5	11453	0	87	678	5148
		A1/6	12507	173	0	869	7288
		A1/7	12077	171	0	836	6587
		A1/8	12369	299	0	820	8407
		A1/9	11956	0	50	902	5330
		A1/10	11526	0	49	870	4629
		A1/11	11451	0	83	876	5144
		A1/12	11428	158	0	817	3438
		A1/13	10998	156	0	784	2737
		A1/14	10571	255	0	734	1990
	X+	A1/15	9901	559	1726	1758	11160
	X-	A1/24	9862	557	1719	2665	11086
	Y+	A1/31	14516	2731	759	128	27591
	Y-	A1/37	1295	244	68	553	19407
4		A1/1	12330	0	0	908	5079
		A1/2	11891	0	0	868	4369
		A1/3	12364	0	54	834	5098
		A1/4	11926	0	53	794	4388
		A1/5	11883	0	90	709	4952
		A1/6	12907	179	0	922	7118
		A1/7	12469	177	0	883	6408
		A1/8	12787	309	0	856	8318
		A1/9	12296	0	51	980	5059
		A1/10	11857	0	50	940	4349
		A1/11	11769	0	85	952	4887
		A1/12	11773	163	0	895	3101
		A1/13	11334	161	0	855	2392
		A1/14	10897	263	0	810	1624
	X+	A1/15	11611	655	2024	2304	12058
	X-	A1/24	9052	511	1578	3135	10958
	Y+	A1/31	15648	2944	818	433	29090
	Y-	A1/37	1665	313	87	572	20310
5		A1/1	12900	0	0	1341	5448
		A1/2	12443	0	0	1289	4694
		A1/3	12956	0	56	1252	5479
		A1/4	12500	0	55	1200	4725
		A1/5	12476	0	94	1094	5329
		A1/6	13511	187	0	1361	7609
		A1/7	13054	185	0	1309	6855
		A1/8	13401	324	0	1275	8880
		A1/9	12844	0	53	1428	5417

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLU

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		A1/10	12388	0	53	1376	4663
		A1/11	12289	0	89	1386	5226
		A1/12	12309	171	0	1321	3349
		A1/13	11852	168	0	1269	2595
		A1/14	11397	275	0	1208	1779
	X+	A1/15	12994	733	2265	2590	13220
	X-	A1/24	8795	496	1533	4042	11467
	Y+	A1/31	16784	3158	878	222	31201
	Y-	A1/37	1923	362	101	547	21371
6		A1/1	7605	0	0	2279	1843
		A1/2	7519	0	0	1878	1801
		A1/3	7568	33	0	2264	1801
		A1/4	7482	33	0	1863	1759
		A1/5	7183	54	0	2203	1672
		A1/6	7282	0	101	3542	1805
		A1/7	7196	0	102	3141	1763
		A1/8	6706	0	162	4332	1678
		A1/9	7641	32	0	2294	1884
		A1/10	7555	32	0	1893	1842
		A1/11	7304	53	0	2252	1809
		A1/12	7912	0	110	1079	1876
		A1/13	7826	0	111	678	1834
		A1/14	7757	0	187	227	1796
	X+	A1/21	4432	772	250	3111	144
	X-	A1/30	7420	1293	419	2254	2620
	Y+	A1/40	1447	76	272	16612	1121
	Y-	A1/46	9083	475	1709	13071	1934
7		A1/1	6894	0	0	2227	1226
		A1/2	6844	0	0	1817	1210
		A1/3	6929	30	0	2242	1262
		A1/4	6878	31	0	1832	1246
		A1/5	6661	50	0	2196	1241
		A1/6	6576	0	91	3460	1198
		A1/7	6526	0	93	3050	1182
		A1/8	6074	0	147	4226	1134
		A1/9	6861	29	0	2212	1188
		A1/10	6811	29	0	1802	1172
		A1/11	6549	47	0	2146	1119
		A1/12	7202	0	100	1033	1253
		A1/13	7151	0	101	623	1236
		A1/14	7116	0	172	181	1226
	X+	A1/20	6970	1215	393	2383	2258
	X-	A1/27	4215	735	238	3172	459
	Y+	A1/34	1005	53	189	16738	873
	Y-	A1/36	8750	458	1646	13297	1528
8		A1/1	7078	0	0	2724	240
		A1/2	7021	0	0	2304	227
		A1/3	7103	31	0	2739	215
		A1/4	7045	31	0	2319	202
		A1/5	6815	52	0	2670	175
		A1/6	6759	0	94	3952	241
		A1/7	6702	0	95	3533	228
		A1/8	6242	0	151	4693	219
		A1/9	7054	29	0	2708	264
		A1/10	6997	30	0	2289	251
		A1/11	6734	49	0	2620	257
		A1/12	7386	0	102	1535	238
		A1/13	7329	0	104	1116	225
		A1/14	7288	0	176	665	214
	X+	A1/20	6691	1166	378	2001	859
	X-	A1/27	4695	818	265	2827	1076
	Y+	A1/34	980	51	184	17015	156
	Y-	A1/36	8736	457	1644	12846	201
9		A1/1	7196	0	0	2746	178
		A1/2	7131	0	0	2333	163
		A1/3	7211	31	0	2756	155
		A1/4	7146	32	0	2343	140
		A1/5	6904	52	0	2686	118
		A1/6	6878	0	95	3972	185
		A1/7	6813	0	97	3559	171
		A1/8	6349	0	153	4713	169
		A1/9	7181	30	0	2736	201
		A1/10	7116	30	0	2323	186
		A1/11	6855	50	0	2652	195
		A1/12	7502	0	104	1562	171
		A1/13	7437	0	105	1149	156
		A1/14	7390	0	178	696	145
	X+	A1/20	6337	1104	358	2056	880
	X-	A1/27	5125	893	289	2610	958
	Y+	A1/34	930	49	175	16975	113
	Y-	A1/36	8626	451	1623	12711	318
10		A1/1	7390	0	0	2797	198
		A1/2	7313	0	0	2390	188
		A1/3	7388	32	0	2796	175
		A1/4	7311	32	0	2389	165
		A1/5	7050	53	0	2719	140
		A1/6	7072	0	98	4023	198
		A1/7	6995	0	99	3617	188

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLU

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		A1/8	6524	0	158	4764	178
		A1/9	7391	31	0	2798	220
		A1/10	7315	31	0	2391	210
		A1/11	7056	51	0	2722	215
		A1/12	7694	0	107	1617	197
		A1/13	7617	0	108	1211	187
		A1/14	7561	0	183	754	177
	X+	A1/21	5714	996	323	2217	789
	X-	A1/30	5869	1023	331	2167	993
	Y+	A1/40	867	45	163	16951	400
	Y-	A1/46	8481	443	1596	12496	369
11		A1/1	7550	0	0	2805	165
		A1/2	7466	0	0	2397	159
		A1/3	7531	33	0	2793	141
		A1/4	7447	33	0	2385	135
		A1/5	7166	54	0	2707	109
		A1/6	7230	0	100	4040	164
		A1/7	7146	0	101	3632	158
		A1/8	6665	0	161	4787	147
		A1/9	7568	31	0	2816	188
		A1/10	7484	32	0	2408	182
		A1/11	7228	52	0	2747	188
		A1/12	7856	0	109	1620	166
		A1/13	7771	0	110	1212	159
		A1/14	7707	0	186	754	150
	X+	A1/21	5121	893	289	2595	837
	X-	A1/30	6659	1161	376	1934	1014
	Y+	A1/40	1199	63	226	16891	370
	Y-	A1/46	8805	460	1657	12546	375
12		A1/1	10332	0	0	1370	4996
		A1/2	10260	0	0	1378	4366
		A1/3	10283	0	45	1302	4965
		A1/4	10211	0	45	1310	4336
		A1/5	9752	0	74	1182	4793
		A1/6	9724	135	0	1259	6895
		A1/7	9653	137	0	1266	6265
		A1/8	8822	213	0	1109	8008
		A1/9	10379	0	43	1439	5026
		A1/10	10307	0	44	1447	4396
		A1/11	9913	0	72	1410	4894
		A1/12	10910	151	0	1467	3195
		A1/13	10838	154	0	1475	2565
		A1/14	10797	261	0	1457	1842
	X+	A1/21	6607	373	1152	1430	3936
	X-	A1/30	10596	598	1847	3782	2088
	Y+	A1/39	-80	15	4	509	25987
	Y-	A1/46	14285	2687	747	2783	18468
13		A1/1	10329	0	0	1208	5470
		A1/2	10302	0	0	1162	4760
		A1/3	10369	0	45	1138	5500
		A1/4	10342	0	46	1092	4789
		A1/5	9948	0	75	993	5346
		A1/6	9676	134	0	1179	7488
		A1/7	9649	137	0	1133	6778
		A1/8	8793	212	0	1062	8659
		A1/9	10291	0	43	1277	5439
		A1/10	10264	0	44	1231	4729
		A1/11	9819	0	71	1225	5246
		A1/12	10961	152	0	1236	3513
		A1/13	10934	155	0	1190	2802
		A1/14	10935	264	0	1156	2034
	X+	A1/20	10589	598	1846	2126	2489
	X-	A1/27	7330	414	1278	3488	4219
	Y-	A1/36	15073	2836	788	14	20480
14		A1/1	9900	0	0	797	5145
		A1/2	9864	0	0	750	4480
		A1/3	9923	0	43	747	5164
		A1/4	9887	0	44	700	4499
		A1/5	9500	0	72	637	5014
		A1/6	9286	129	0	789	7050
		A1/7	9250	131	0	742	6385
		A1/8	8438	204	0	707	8157
		A1/9	9878	0	41	845	5126
		A1/10	9841	0	42	798	4461
		A1/11	9424	0	68	801	4951
		A1/12	10493	145	0	802	3301
		A1/13	10456	148	0	755	2637
		A1/14	10449	252	0	728	1910
	X+	A1/20	9455	534	1648	1752	2541
	X-	A1/27	7528	425	1312	2362	3637
	Y-	A1/36	14031	2640	734	410	19210
15		A1/1	9634	0	0	787	5169
		A1/2	9580	0	0	787	4556
		A1/3	9634	0	42	747	5170
		A1/4	9580	0	43	748	4557
		A1/5	9190	0	69	669	5011
		A1/6	9056	125	0	731	6953
		A1/7	9002	128	0	732	6340

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLU

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		A1/8	8226	199	0	642	7984
		A1/9	9633	0	40	825	5168
		A1/10	9579	0	41	825	4555
		A1/11	9190	0	67	798	5008
		A1/12	10189	141	0	837	3449
		A1/13	10135	144	0	838	2835
		A1/14	10116	244	0	818	2142
	X+	A1/20	8100	457	1412	1114	2456
	X-	A1/27	8080	456	1408	2164	2520
	Y-	A1/36	12955	2437	677	355	17501
16		A1/1	9854	0	0	713	5233
		A1/2	9790	0	0	722	4616
		A1/3	9833	0	43	669	5216
		A1/4	9769	0	43	679	4599
		A1/5	9353	0	71	596	5040
		A1/6	9272	128	0	651	7031
		A1/7	9208	131	0	661	6415
		A1/8	8419	203	0	566	8066
		A1/9	9875	0	41	755	5249
		A1/10	9811	0	42	765	4633
		A1/11	9423	0	68	740	5096
		A1/12	10412	144	0	770	3504
		A1/13	10347	147	0	779	2888
		A1/14	10317	249	0	763	2188
	X+	A1/21	7349	415	1281	1135	3049
	X-	A1/30	9112	514	1588	2454	2056
	Y+	A1/39	-493	93	26	406	25413
	Y-	A1/46	13384	2518	700	1713	17514
17		A1/1	12607	0	0	381	6728
		A1/2	12145	0	0	365	5951
		A1/3	12549	0	54	316	6691
		A1/4	12086	0	54	300	5914
		A1/5	11954	0	90	234	6403
		A1/6	13178	183	0	396	8799
		A1/7	12716	180	0	380	8022
		A1/8	13004	314	0	367	9916
		A1/9	12665	0	53	445	6762
		A1/10	12203	0	52	429	5985
		A1/11	12148	0	88	449	6521
		A1/12	12062	167	0	367	4733
		A1/13	11600	164	0	352	3956
		A1/14	11144	269	0	320	3139
	X+	A1/18	8168	461	1424	2219	11477
	X-	A1/25	12541	708	2186	2712	13488
	Y+	A1/41	15809	2974	827	1081	30097
	Y-	A1/43	2266	426	118	915	18844
18		A1/1	12572	0	0	169	6625
		A1/2	12112	0	0	149	5852
		A1/3	12522	0	54	100	6594
		A1/4	12062	0	54	80	5820
		A1/5	11937	0	90	24	6314
		A1/6	13142	182	0	169	8690
		A1/7	12682	180	0	149	7916
		A1/8	12971	313	0	139	9807
		A1/9	12621	0	53	237	6655
		A1/10	12161	0	52	217	5881
		A1/11	12103	0	88	252	6416
		A1/12	12027	167	0	175	4633
		A1/13	11567	164	0	155	3860
		A1/14	11113	268	0	148	3047
	X+	A1/18	8473	478	1477	2486	11520
	X-	A1/25	12191	688	2125	2667	13256
	Y+	A1/41	15683	2950	820	864	29927
	Y-	A1/43	2138	402	112	1047	18982
19		A1/1	12567	0	0	60	5607
		A1/2	12110	0	0	78	4880
		A1/3	12526	0	54	129	5583
		A1/4	12069	0	54	148	4857
		A1/5	11951	0	90	196	5369
		A1/6	13138	182	0	71	7639
		A1/7	12681	180	0	89	6912
		A1/8	12971	313	0	99	8795
		A1/9	12608	0	52	10	5629
		A1/10	12150	0	52	9	4903
		A1/11	12087	0	88	36	5445
		A1/12	12021	167	0	39	3650
		A1/13	11564	164	0	58	2923
		A1/14	11109	268	0	46	2146
	X+	A1/18	8812	497	1536	2688	10994
	X-	A1/25	11856	669	2066	2524	12292
	Y+	A1/41	15590	2933	815	615	28879
	Y-	A1/43	1999	376	105	1078	19424
20		A1/1	12091	0	0	535	6222
		A1/2	11653	0	0	511	5479
		A1/3	12067	0	52	475	6209
		A1/4	11629	0	52	451	5466
		A1/5	11531	0	87	388	5964
		A1/6	12643	175	0	552	8215

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLU

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		A1/7	12204	173	0	527	7472
		A1/8	12490	302	0	515	9307
		A1/9	12114	0	50	594	6235
		A1/10	11676	0	50	570	5492
		A1/11	11609	0	84	587	6007
		A1/12	11563	160	0	521	4291
		A1/13	11125	158	0	497	3548
		A1/14	10690	258	0	464	2767
	X+	A1/18	9086	513	1584	1847	11441
	X-	A1/25	10835	611	1888	2601	12216
	Y+	A1/41	14860	2796	777	1177	28660
	Y-	A1/43	1684	317	88	984	18886
21		A1/1	12037	0	0	271	6212
		A1/2	11601	0	0	252	5470
		A1/3	12021	0	52	211	6203
		A1/4	11586	0	51	191	5461
		A1/5	11496	0	87	136	5962
		A1/6	12587	174	0	273	8201
		A1/7	12152	172	0	253	7459
		A1/8	12439	300	0	239	9292
		A1/9	12052	0	50	331	6220
		A1/10	11617	0	49	312	5478
		A1/11	11547	0	84	337	5990
		A1/12	11509	159	0	276	4283
		A1/13	11074	157	0	257	3541
		A1/14	10643	257	0	245	2761
	X+	A1/18	9348	528	1629	2081	11536
	X-	A1/25	10501	593	1830	2405	12052
	Y+	A1/41	14725	2770	770	844	28561
	Y-	A1/43	1550	292	81	1024	18987
22		A1/1	12017	0	0	54	5342
		A1/2	11584	0	0	40	4640
		A1/3	12010	0	52	7	5338
		A1/4	11576	0	51	21	4637
		A1/5	11493	0	87	72	5150
		A1/6	12568	174	0	44	7302
		A1/7	12135	172	0	30	6601
		A1/8	12425	300	0	14	8424
		A1/9	12024	0	50	114	5345
		A1/10	11591	0	49	100	4644
		A1/11	11518	0	84	130	5162
		A1/12	11488	159	0	72	3446
		A1/13	11055	157	0	58	2744
		A1/14	10624	257	0	61	1996
	X+	A1/18	9639	544	1680	2261	11032
	X-	A1/25	10193	575	1777	2231	11254
	Y+	A1/41	14633	2753	765	575	27645
	Y-	A1/43	1413	266	74	1018	19348
23		A1/1	11855	0	0	641	6175
		A1/2	11429	0	0	613	5434
		A1/3	11864	0	51	581	6181
		A1/4	11438	0	51	553	5440
		A1/5	11372	0	86	485	5952
		A1/6	12402	172	0	656	8152
		A1/7	11977	170	0	628	7412
		A1/8	12270	296	0	610	9238
		A1/9	11847	0	49	700	6169
		A1/10	11421	0	49	672	5428
		A1/11	11344	0	82	683	5932
		A1/12	11329	157	0	628	4253
		A1/13	10903	155	0	599	3512
		A1/14	10482	253	0	562	2739
	X+	A1/15	10145	573	1768	1933	11937
	X-	A1/24	9515	537	1658	2496	11587
	Y+	A1/31	14548	2737	761	396	28497
	Y-	A1/37	1369	258	72	560	19066
24		A1/1	11785	0	0	400	6151
		A1/2	11363	0	0	374	5411
		A1/3	11802	0	51	340	6161
		A1/4	11380	0	51	315	5422
		A1/5	11323	0	86	254	5937
		A1/6	12332	171	0	400	8125
		A1/7	11909	169	0	375	7386
		A1/8	12206	295	0	355	9210
		A1/9	11769	0	49	458	6141
		A1/10	11347	0	48	433	5401
		A1/11	11268	0	82	452	5902
		A1/12	11260	156	0	405	4230
		A1/13	10838	154	0	380	3491
		A1/14	10420	252	0	363	2719
	X+	A1/15	10416	588	1815	2131	12083
	X-	A1/24	9196	519	1603	2284	11475
	Y+	A1/31	14622	2751	765	722	28584
	Y-	A1/37	1441	271	75	524	18992
25		A1/1	11748	0	0	178	5237
		A1/2	11329	0	0	157	4541
		A1/3	11773	0	51	119	5251
		A1/4	11354	0	50	98	4555

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Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		A1/5	11304	0	85	44	5081
		A1/6	12296	170	0	168	7182
		A1/7	11876	168	0	147	6486
		A1/8	12176	294	0	125	8301
		A1/9	11724	0	49	236	5223
		A1/10	11305	0	48	216	4527
		A1/11	11223	0	81	240	5035
		A1/12	11221	155	0	198	3349
		A1/13	10802	153	0	177	2653
		A1/14	10385	251	0	176	1912
	X+	A1/15	10712	605	1867	2295	11555
	X-	A1/24	8905	503	1552	2105	10765
	Y+	A1/31	14738	2773	771	977	27827
	Y-	A1/37	1510	284	79	510	19195
26		A1/1	12240	0	0	512	5024
		A1/2	11806	0	0	482	4317
		A1/3	12284	0	53	440	5048
		A1/4	11850	0	53	410	4341
		A1/5	11817	0	89	336	4908
		A1/6	12816	178	0	514	7059
		A1/7	12382	176	0	484	6352
		A1/8	12704	307	0	458	8260
		A1/9	12197	0	51	583	5000
		A1/10	11763	0	50	553	4293
		A1/11	11672	0	85	573	4828
		A1/12	11683	162	0	518	3049
		A1/13	11249	159	0	488	2342
		A1/14	10816	261	0	465	1577
	X+	A1/15	11918	673	2077	2548	12180
	X-	A1/24	8676	490	1512	2820	10836
	Y+	A1/31	15726	2959	822	801	29157
	Y-	A1/37	1740	327	91	605	20246
27		A1/1	12786	0	0	249	5552
		A1/2	12334	0	0	227	4796
		A1/3	12853	0	56	164	5587
		A1/4	12401	0	55	141	4831
		A1/5	12389	0	94	57	5436
		A1/6	13397	186	0	228	7708
		A1/7	12945	183	0	206	6952
		A1/8	13296	321	0	165	8970
		A1/9	12720	0	53	334	5516
		A1/10	12269	0	52	312	4760
		A1/11	12168	0	88	342	5318
		A1/12	12195	169	0	278	3457
		A1/13	11744	166	0	255	2701
		A1/14	11293	273	0	247	1886
	X+	A1/15	13328	752	2323	3321	13428
	X-	A1/24	8353	471	1456	3188	11429
	Y+	A1/31	16853	3170	881	1282	31331
	Y-	A1/37	1988	374	104	651	21193
28		A1/1	8017	0	0	2328	2802
		A1/2	7857	0	0	1913	2730
		A1/3	7977	35	0	2309	2752
		A1/4	7817	35	0	1895	2680
		A1/5	7580	57	0	2238	2570
		A1/6	7923	0	110	3591	2782
		A1/7	7763	0	110	3177	2710
		A1/8	7490	0	181	4375	2620
		A1/9	8056	34	0	2346	2848
		A1/10	7896	34	0	1932	2776
		A1/11	7711	56	0	2300	2730
		A1/12	8107	0	112	1123	2813
		A1/13	7947	0	113	709	2741
		A1/14	7796	0	188	262	2673
	X+	A1/21	3857	672	218	3203	259
	X-	A1/30	7014	1222	396	2185	3298
	Y+	A1/40	4464	233	840	16729	2052
	Y-	A1/46	6705	351	1261	13131	2342
29		A1/1	8463	0	0	2624	2904
		A1/2	8227	0	0	2193	2819
		A1/3	8420	37	0	2602	2854
		A1/4	8183	36	0	2171	2769
		A1/5	8008	61	0	2510	2668
		A1/6	8599	0	119	3893	2923
		A1/7	8362	0	119	3462	2838
		A1/8	8306	0	201	4661	2782
		A1/9	8506	35	0	2647	2950
		A1/10	8270	35	0	2216	2865
		A1/11	8152	59	0	2585	2828
		A1/12	8335	0	115	1414	2879
		A1/13	8098	0	115	983	2794
		A1/14	7866	0	190	530	2710
	X+	A1/18	4265	743	241	6176	379
	X-	A1/25	7623	1329	430	7379	3401
	Y+	A1/41	7575	396	1425	17614	2552
	Y-	A1/43	4393	230	826	12424	1942
30		A1/1	8978	0	0	3074	1939
		A1/2	8662	0	0	2627	1876

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Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		A1/3	8930	39	0	3050	1899
		A1/4	8614	38	0	2602	1836
		A1/5	8499	64	0	2933	1768
		A1/6	9344	0	129	4361	1971
		A1/7	9028	0	128	3914	1907
		A1/8	9190	0	222	5119	1887
		A1/9	9025	38	0	3098	1977
		A1/10	8709	37	0	2651	1913
		A1/11	8657	63	0	3015	1897
		A1/12	8628	0	120	1845	1904
		A1/13	8312	0	118	1397	1841
		A1/14	7996	0	193	925	1777
	X+	A1/18	5408	943	305	6473	15
	X-	A1/25	8994	1568	508	7766	2626
	Y+	A1/41	10808	565	2033	18112	2004
	Y-	A1/43	2151	112	405	12343	1144
31		A1/1	7301	0	0	2318	2078
		A1/2	7176	0	0	1902	2036
		A1/3	7338	32	0	2335	2117
		A1/4	7213	32	0	1919	2076
		A1/5	7062	53	0	2286	2061
		A1/6	7207	0	100	3554	2070
		A1/7	7082	0	100	3138	2029
		A1/8	6843	0	165	4317	1983
		A1/9	7265	30	0	2300	2035
		A1/10	7140	30	0	1884	1994
		A1/11	6940	50	0	2228	1924
		A1/12	7392	0	102	1123	2085
		A1/13	7267	0	103	707	2043
		A1/14	7152	0	173	265	2007
	X+	A1/20	6544	1141	369	2272	2881
	X-	A1/27	3635	634	205	3201	101
	Y+	A1/34	4044	211	761	16836	1714
	Y-	A1/36	6339	331	1193	13264	1902
32		A1/1	7746	0	0	2607	2135
		A1/2	7545	0	0	2181	2084
		A1/3	7786	34	0	2626	2175
		A1/4	7585	34	0	2201	2123
		A1/5	7500	57	0	2565	2117
		A1/6	7876	0	109	3846	2159
		A1/7	7674	0	109	3421	2108
		A1/8	7649	0	185	4597	2091
		A1/9	7706	32	0	2586	2093
		A1/10	7505	32	0	2161	2041
		A1/11	7367	53	0	2498	1980
		A1/12	7620	0	106	1408	2112
		A1/13	7419	0	105	983	2060
		A1/14	7223	0	174	535	2012
	X+	A1/15	7135	1244	403	7321	2980
	X-	A1/24	4042	705	228	6232	16
	Y+	A1/31	7173	375	1349	17637	2145
	Y-	A1/37	4012	210	755	12547	1569
33		A1/1	8250	0	0	2969	1307
		A1/2	7971	0	0	2532	1273
		A1/3	8295	36	0	2990	1341
		A1/4	8015	36	0	2553	1306
		A1/5	7996	60	0	2913	1317
		A1/6	8606	0	119	4223	1340
		A1/7	8327	0	118	3786	1306
		A1/8	8515	0	206	4968	1317
		A1/9	8207	34	0	2947	1271
		A1/10	7928	34	0	2511	1237
		A1/11	7850	57	0	2842	1201
		A1/12	7906	0	110	1755	1274
		A1/13	7627	0	108	1318	1240
		A1/14	7349	0	177	855	1206
	X+	A1/15	8491	1480	479	7655	2292
	X-	A1/24	5192	905	293	6473	301
	Y+	A1/31	10404	544	1957	18062	1657
	Y-	A1/37	1747	91	329	12480	864
34		A1/1	7548	0	0	2501	210
		A1/2	7414	0	0	2080	199
		A1/3	7575	33	0	2517	183
		A1/4	7441	33	0	2096	173
		A1/5	7276	55	0	2459	145
		A1/6	7453	0	103	3746	211
		A1/7	7319	0	104	3325	201
		A1/8	7072	0	171	4508	192
		A1/9	7521	31	0	2485	236
		A1/10	7388	31	0	2064	225
		A1/11	7186	52	0	2407	233
		A1/12	7639	0	106	1299	209
		A1/13	7506	0	106	877	198
		A1/14	7383	0	178	429	187
	X+	A1/20	6308	1099	356	2192	916
	X-	A1/27	4161	725	235	3040	1115
	Y+	A1/34	4067	213	765	17060	186
	Y-	A1/36	6373	333	1199	13187	215

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLU

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
35		A1/1	7992	0	0	2420	209
		A1/2	7782	0	0	1998	199
		A1/3	8022	35	0	2436	183
		A1/4	7812	35	0	2014	173
		A1/5	7713	58	0	2382	145
		A1/6	8123	0	113	3668	209
		A1/7	7913	0	112	3246	199
		A1/8	7881	0	190	4435	189
		A1/9	7963	33	0	2403	234
		A1/10	7753	33	0	1982	224
		A1/11	7613	55	0	2328	231
		A1/12	7866	0	109	1214	208
		A1/13	7656	0	109	793	198
		A1/14	7452	0	180	346	188
	X+	A1/15	6883	1200	388	7107	893
	X-	A1/24	4579	798	258	6222	1113
	Y+	A1/31	7200	376	1355	17527	180
	Y-	A1/37	4021	210	756	12801	200
36		A1/1	8437	0	0	2548	241
		A1/2	8150	0	0	2122	230
		A1/3	8470	37	0	2564	214
		A1/4	8183	36	0	2139	203
		A1/5	8150	62	0	2505	174
		A1/6	8794	0	122	3803	242
		A1/7	8508	0	121	3377	231
		A1/8	8691	0	210	4569	220
		A1/9	8404	35	0	2532	267
		A1/10	8118	35	0	2106	256
		A1/11	8041	58	0	2450	262
		A1/12	8091	0	112	1335	240
		A1/13	7805	0	111	909	229
		A1/14	7520	0	182	455	217
	X+	A1/15	8176	1425	461	7218	891
	X-	A1/24	5710	995	322	6320	1128
	Y+	A1/31	10383	543	1953	17687	184
	Y-	A1/37	1701	89	320	12800	196
37		A1/1	7668	0	0	2512	153
		A1/2	7528	0	0	2094	146
		A1/3	7685	33	0	2522	127
		A1/4	7545	33	0	2105	120
		A1/5	7367	56	0	2462	93
		A1/6	7574	0	105	3756	156
		A1/7	7434	0	105	3339	149
		A1/8	7182	0	173	4519	142
		A1/9	7652	32	0	2501	178
		A1/10	7512	32	0	2084	172
		A1/11	7312	53	0	2427	179
		A1/12	7759	0	107	1312	150
		A1/13	7618	0	108	894	143
		A1/14	7490	0	181	444	132
	X+	A1/20	5942	1036	335	2266	941
	X-	A1/27	4629	807	261	2832	1060
	Y+	A1/34	4011	210	755	17043	192
	Y-	A1/36	6285	329	1182	13083	268
38		A1/1	8114	0	0	2425	155
		A1/2	7898	0	0	2005	149
		A1/3	8133	35	0	2436	129
		A1/4	7917	35	0	2015	123
		A1/5	7804	59	0	2379	96
		A1/6	8246	0	114	3674	155
		A1/7	8030	0	114	3254	150
		A1/8	7993	0	193	4442	140
		A1/9	8096	34	0	2414	180
		A1/10	7880	34	0	1994	174
		A1/11	7743	56	0	2342	181
		A1/12	7987	0	111	1221	154
		A1/13	7771	0	110	801	149
		A1/14	7561	0	183	354	138
	X+	A1/15	6498	1133	367	6908	914
	X-	A1/24	5081	886	287	6318	1075
	Y+	A1/31	7126	373	1341	17360	205
	Y-	A1/37	3933	206	740	12872	233
39		A1/1	8561	0	0	2574	188
		A1/2	8268	0	0	2147	179
		A1/3	8581	37	0	2585	161
		A1/4	8289	37	0	2158	152
		A1/5	8242	62	0	2520	125
		A1/6	8919	0	124	3831	188
		A1/7	8627	0	122	3404	179
		A1/8	8805	0	213	4597	168
		A1/9	8541	36	0	2563	213
		A1/10	8248	35	0	2136	204
		A1/11	8174	59	0	2484	211
		A1/12	8215	0	114	1360	189
		A1/13	7922	0	112	933	180
		A1/14	7631	0	184	480	170
	X+	A1/15	7756	1352	438	7035	916
	X-	A1/24	6231	1086	352	6436	1071
	Y+	A1/31	10281	538	1934	17547	236

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Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
	Y-	A1/37	1600	84	301	12873	213
40		A1/1	7868	0	0	2533	200
		A1/2	7717	0	0	2118	190
		A1/3	7866	34	0	2532	174
		A1/4	7715	34	0	2117	164
		A1/5	7515	57	0	2464	137
		A1/6	7775	0	108	3781	200
		A1/7	7624	0	108	3366	191
		A1/8	7364	0	178	4546	181
		A1/9	7870	33	0	2534	225
		A1/10	7719	33	0	2119	215
		A1/11	7522	55	0	2467	222
		A1/12	7957	0	110	1334	199
		A1/13	7806	0	111	919	189
		A1/14	7667	0	185	467	179
	X+	A1/21	5287	922	298	2463	896
	X-	A1/30	5451	950	308	2406	1088
	Y+	A1/40	3947	206	742	17041	404
	Y-	A1/46	6174	323	1162	12917	388
41		A1/1	8316	0	0	2427	198
		A1/2	8089	0	0	2008	188
		A1/3	8314	36	0	2426	172
		A1/4	8087	36	0	2007	163
		A1/5	7951	60	0	2362	136
		A1/6	8450	0	117	3681	198
		A1/7	8223	0	117	3263	189
		A1/8	8178	0	197	4454	179
		A1/9	8318	35	0	2428	223
		A1/10	8091	34	0	2010	214
		A1/11	7958	58	0	2366	221
		A1/12	8187	0	113	1223	198
		A1/13	7961	0	113	804	188
		A1/14	7740	0	187	357	178
	X+	A1/18	5796	1010	327	6491	895
	X-	A1/25	5971	1041	337	6552	1086
	Y+	A1/41	7034	368	1323	17072	394
	Y-	A1/43	3822	200	719	13027	382
42		A1/1	8764	0	0	2600	203
		A1/2	8461	0	0	2172	193
		A1/3	8762	38	0	2599	177
		A1/4	8458	38	0	2171	167
		A1/5	8387	63	0	2526	140
		A1/6	9126	0	126	3864	205
		A1/7	8822	0	125	3435	194
		A1/8	8994	0	217	4633	185
		A1/9	8767	36	0	2601	229
		A1/10	8463	36	0	2173	218
		A1/11	8395	61	0	2529	226
		A1/12	8417	0	117	1386	203
		A1/13	8114	0	115	957	192
		A1/14	7812	0	189	502	182
	X+	A1/18	6980	1217	394	6634	876
	X-	A1/25	7165	1249	404	6694	1096
	Y+	A1/41	10139	530	1908	17292	417
	Y-	A1/43	1460	76	275	13031	412
43		A1/1	8029	0	0	2531	165
		A1/2	7870	0	0	2115	159
		A1/3	8008	35	0	2519	139
		A1/4	7849	35	0	2102	133
		A1/5	7628	58	0	2443	105
		A1/6	7935	0	110	3788	166
		A1/7	7777	0	110	3372	160
		A1/8	7508	0	181	4560	150
		A1/9	8049	33	0	2543	191
		A1/10	7891	34	0	2127	185
		A1/11	7698	56	0	2485	192
		A1/12	8118	0	112	1327	165
		A1/13	7959	0	113	911	159
		A1/14	7812	0	189	458	148
	X+	A1/21	4624	806	261	2857	924
	X-	A1/30	6282	1095	355	2180	1081
	Y+	A1/40	4266	223	802	16965	385
	Y-	A1/46	6487	339	1220	12984	376
44		A1/1	8476	0	0	2427	162
		A1/2	8242	0	0	2005	156
		A1/3	8453	37	0	2414	136
		A1/4	8218	36	0	1992	130
		A1/5	8060	61	0	2342	103
		A1/6	8611	0	119	3691	162
		A1/7	8377	0	119	3269	156
		A1/8	8324	0	201	4469	146
		A1/9	8499	35	0	2440	187
		A1/10	8265	35	0	2018	181
		A1/11	8137	59	0	2385	188
		A1/12	8347	0	116	1218	161
		A1/13	8112	0	115	796	155
		A1/14	7883	0	190	348	145
	X+	A1/18	5078	885	287	6252	922

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Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
	X-	A1/25	6862	1196	387	6964	1074
	Y+	A1/41	7371	385	1387	17335	377
	Y-	A1/43	4155	217	782	12756	364
45		A1/1	8925	0	0	2609	164
		A1/2	8613	0	0	2178	155
		A1/3	8900	39	0	2597	137
		A1/4	8588	38	0	2165	129
		A1/5	8493	64	0	2513	103
		A1/6	9290	0	129	3883	165
		A1/7	8978	0	127	3451	157
		A1/8	9143	0	221	4657	149
		A1/9	8951	37	0	2623	190
		A1/10	8639	37	0	2191	181
		A1/11	8578	62	0	2557	190
		A1/12	8576	0	119	1390	163
		A1/13	8264	0	117	958	155
		A1/14	7954	0	192	502	146
	X+	A1/18	6218	1084	351	6392	917
	X-	A1/25	8132	1417	459	7115	1092
	Y+	A1/41	10524	550	1980	17559	400
	Y-	A1/43	1842	96	347	12757	390
46		A1/1	10227	0	0	465	6211
		A1/2	10154	0	0	477	5588
		A1/3	10187	0	44	411	6175
		A1/4	10113	0	45	422	5552
		A1/5	9667	0	73	344	5945
		A1/6	9631	133	0	417	8017
		A1/7	9557	135	0	428	7394
		A1/8	8741	211	0	353	9015
		A1/9	10267	0	43	518	6244
		A1/10	10194	0	43	529	5621
		A1/11	9802	0	71	521	6060
		A1/12	10797	150	0	505	4489
		A1/13	10723	152	0	516	3866
		A1/14	10685	258	0	500	3136
	X+	A1/21	6821	385	1189	1771	3026
	X-	A1/30	10192	575	1776	2645	859
	Y+	A1/39	-141	27	7	559	25869
	Y-	A1/46	14021	2638	733	1464	16651
47		A1/1	10186	0	0	187	6200
		A1/2	10113	0	0	161	5578
		A1/3	10151	0	44	137	6169
		A1/4	10079	0	45	111	5547
		A1/5	9641	0	73	72	5944
		A1/6	9591	133	0	200	7992
		A1/7	9518	135	0	174	7371
		A1/8	8707	210	0	176	8983
		A1/9	10219	0	43	235	6229
		A1/10	10146	0	43	209	5607
		A1/11	9753	0	71	234	6044
		A1/12	10754	149	0	169	4484
		A1/13	10681	151	0	143	3862
		A1/14	10645	257	0	124	3135
	X+	A1/21	7065	399	1231	1980	2859
	X-	A1/30	9887	558	1723	2062	969
	Y+	A1/39	-244	46	13	1021	25856
	Y-	A1/46	13893	2614	726	522	16627
48		A1/1	10177	0	0	5	5417
		A1/2	10109	0	0	37	4784
		A1/3	10149	0	44	42	5394
		A1/4	10081	0	45	84	4761
		A1/5	9647	0	73	103	5207
		A1/6	9578	133	0	52	7269
		A1/7	9510	135	0	10	6635
		A1/8	8695	210	0	54	8331
		A1/9	10204	0	42	50	5439
		A1/10	10136	0	43	9	4806
		A1/11	9739	0	71	51	5283
		A1/12	10750	149	0	46	3641
		A1/13	10682	151	0	88	3008
		A1/14	10648	257	0	110	2286
	X+	A1/21	7334	414	1278	2110	3295
	X-	A1/30	9647	544	1681	1717	1938
	Y+	A1/39	-396	75	21	1270	26124
	Y-	A1/46	13871	2610	725	28	17947
49		A1/1	10235	0	0	84	5031
		A1/2	10213	0	0	47	4328
		A1/3	10283	0	45	1	5062
		A1/4	10262	0	46	38	4359
		A1/5	9878	0	75	100	4929
		A1/6	9581	133	0	133	7058
		A1/7	9559	135	0	96	6355
		A1/8	8707	210	0	123	8257
		A1/9	10188	0	42	167	5001
		A1/10	10166	0	43	130	4298
		A1/11	9718	0	70	179	4827
		A1/12	10867	151	0	32	3064
		A1/13	10845	154	0	5	2361

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Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		A1/14	10851	262	0	45	1599
	X+	A1/20	10910	616	1902	3560	2826
	X-	A1/27	6932	391	1208	3037	4571
	Y-	A1/36	15156	2851	792	1730	20948
50		A1/1	9816	0	0	519	5115
		A1/2	9786	0	0	474	4447
		A1/3	9846	0	43	464	5138
		A1/4	9815	0	44	419	4470
		A1/5	9436	0	71	366	4991
		A1/6	9201	127	0	542	7021
		A1/7	9171	130	0	497	6353
		A1/8	8362	202	0	496	8130
		A1/9	9788	0	41	572	5092
		A1/10	9757	0	42	527	4423
		A1/11	9339	0	68	546	4914
		A1/12	10410	144	0	491	3268
		A1/13	10379	147	0	446	2600
		A1/14	10377	251	0	411	1875
	X+	A1/20	9702	548	1691	2181	2493
	X-	A1/27	7237	408	1261	2256	3825
	Y-	A1/36	14117	2656	738	981	19318
51		A1/1	9537	0	0	621	5838
		A1/2	9483	0	0	608	5238
		A1/3	9542	0	41	583	5844
		A1/4	9488	0	42	570	5244
		A1/5	9109	0	69	507	5663
		A1/6	8965	124	0	594	7557
		A1/7	8911	126	0	581	6957
		A1/8	8146	197	0	526	8517
		A1/9	9531	0	40	658	5833
		A1/10	9478	0	40	646	5232
		A1/11	9091	0	66	633	5644
		A1/12	10087	140	0	643	4179
		A1/13	10033	142	0	631	3579
		A1/14	10017	242	0	608	2887
	X+	A1/20	8257	466	1439	1310	1689
	X-	A1/27	7804	440	1360	1917	2049
	Y-	A1/36	12930	2433	676	110	16337
52		A1/1	9471	0	0	353	5824
		A1/2	9422	0	0	306	5223
		A1/3	9482	0	41	314	5835
		A1/4	9432	0	42	266	5234
		A1/5	9059	0	68	236	5657
		A1/6	8899	123	0	380	7540
		A1/7	8850	125	0	332	6939
		A1/8	8088	195	0	345	8499
		A1/9	9461	0	39	391	5813
		A1/10	9412	0	40	344	5212
		A1/11	9024	0	65	364	5621
		A1/12	10022	139	0	323	4165
		A1/13	9973	141	0	275	3565
		A1/14	9959	240	0	251	2875
	X+	A1/20	8459	477	1474	1726	1587
	X-	A1/27	7571	427	1320	1572	2240
	Y-	A1/36	13001	2446	680	959	16377
53		A1/1	9439	0	0	162	5106
		A1/2	9398	0	0	97	4488
		A1/3	9455	0	41	121	5120
		A1/4	9413	0	42	55	4503
		A1/5	9042	0	68	42	4971
		A1/6	8861	123	0	224	6886
		A1/7	8819	125	0	158	6269
		A1/8	8052	194	0	214	7915
		A1/9	9424	0	39	203	5091
		A1/10	9382	0	40	138	4474
		A1/11	8990	0	65	180	4924
		A1/12	9997	138	0	98	3384
		A1/13	9955	141	0	33	2766
		A1/14	9945	240	0	5	2077
	X+	A1/20	8714	492	1519	2061	2237
	X-	A1/27	7375	416	1285	1421	3057
	Y-	A1/36	13173	2478	689	1512	17695
54		A1/1	9768	0	0	555	5921
		A1/2	9703	0	0	552	5318
		A1/3	9752	0	42	514	5908
		A1/4	9687	0	43	512	5304
		A1/5	9282	0	70	446	5707
		A1/6	9193	127	0	519	7654
		A1/7	9128	129	0	517	7050
		A1/8	8349	202	0	455	8617
		A1/9	9783	0	41	594	5935
		A1/10	9718	0	41	591	5331
		A1/11	9333	0	68	579	5752
		A1/12	10319	143	0	584	4255
		A1/13	10254	145	0	582	3651
		A1/14	10226	247	0	563	2951
	X+	A1/21	7502	423	1308	1218	2283
	X-	A1/30	8801	497	1534	2152	1447

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Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
	Y+	A1/39	-557	105	29	623	25127
	Y-	A1/46	13178	2479	689	1263	16298
55		A1/1	9713	0	0	277	5901
		A1/2	9651	0	0	241	5299
		A1/3	9703	0	42	238	5892
		A1/4	9640	0	43	203	5290
		A1/5	9241	0	70	171	5696
		A1/6	9140	127	0	294	7629
		A1/7	9077	129	0	259	7027
		A1/8	8302	200	0	265	8591
		A1/9	9723	0	40	314	5909
		A1/10	9661	0	41	279	5307
		A1/11	9275	0	67	298	5725
		A1/12	10264	142	0	255	4236
		A1/13	10201	145	0	220	3634
		A1/14	10176	246	0	199	2936
	X+	A1/21	7686	434	1340	1535	2116
	X-	A1/30	8544	482	1489	1713	1576
	Y-	A1/46	13066	2458	683	422	16295
56		A1/1	9693	0	0	98	5190
		A1/2	9635	0	0	51	4576
		A1/3	9687	0	42	59	5187
		A1/4	9630	0	43	12	4573
		A1/5	9234	0	70	4	5023
		A1/6	9114	126	0	144	6978
		A1/7	9057	128	0	98	6364
		A1/8	8278	200	0	139	8008
		A1/9	9698	0	40	136	5194
		A1/10	9641	0	41	89	4580
		A1/11	9251	0	67	124	5035
		A1/12	10248	142	0	48	3468
		A1/13	10191	144	0	1	2854
		A1/14	10169	246	0	22	2159
	X+	A1/21	7910	446	1379	1761	2599
	X-	A1/30	8335	470	1453	1496	2380
	Y-	A1/46	13050	2455	682	42	17491

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
1		SLD/1	12697	0	0	1247	5814
		SLD/2	12232	0	0	1213	5082
		SLD/3	12630	0	55	1182	5777
		SLD/4	12165	0	54	1147	5044
		SLD/5	12023	0	91	1058	5542
		SLD/6	13271	184	0	1293	7862
		SLD/7	12807	182	0	1258	7129
		SLD/8	13093	316	0	1244	9017
		SLD/9	12763	0	53	1310	5850
		SLD/10	12298	0	52	1276	5117
		SLD/11	12245	0	89	1273	5664
		SLD/12	12148	168	0	1201	3852
		SLD/13	11684	166	0	1166	3120
		SLD/14	11221	271	0	1090	2335
	X+	SLD/18	7931	260	866	864	8457
	X-	SLD/25	11378	373	1242	2483	9846
	Y+	SLD/41	13248	1447	434	1504	20276
	Y-	SLD/43	4565	498	150	948	10546
2		SLD/1	12181	0	0	765	5374
		SLD/2	11739	0	0	735	4671
		SLD/3	12149	0	53	706	5358
		SLD/4	11707	0	52	676	4654
		SLD/5	11600	0	88	608	5158
		SLD/6	12735	176	0	791	7346
		SLD/7	12293	174	0	762	6643
		SLD/8	12577	304	0	750	8473
		SLD/9	12212	0	51	823	5391
		SLD/10	11770	0	50	794	4687
		SLD/11	11705	0	85	803	5214
		SLD/12	11650	161	0	737	3472
		SLD/13	11208	159	0	708	2769
		SLD/14	10768	260	0	660	2016
	X+	SLD/18	8489	278	927	1021	8336
	X-	SLD/25	10101	331	1103	2028	8990
	Y+	SLD/41	12512	1366	410	1097	19325
	Y-	SLD/43	4070	444	133	805	10673
3		SLD/1	11957	0	0	843	5331
		SLD/2	11527	0	0	811	4630
		SLD/3	11957	0	52	783	5332
		SLD/4	11527	0	51	751	4631
		SLD/5	11453	0	87	678	5148
		SLD/6	12507	173	0	869	7288
		SLD/7	12077	171	0	836	6587
		SLD/8	12369	299	0	820	8407
		SLD/9	11956	0	50	902	5330
		SLD/10	11526	0	49	870	4629
		SLD/11	11451	0	83	876	5144

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		SLD/12	11428	158	0	817	3438
		SLD/13	10998	156	0	784	2737
		SLD/14	10571	255	0	734	1990
	X+	SLD/15	9177	301	1002	1069	8597
	X-	SLD/24	9150	300	999	1979	8546
	Y+	SLD/31	12123	1324	397	51	19085
	Y-	SLD/37	3682	402	121	220	10919
4		SLD/1	12330	0	0	908	5079
		SLD/2	11891	0	0	868	4369
		SLD/3	12364	0	54	834	5098
		SLD/4	11926	0	53	794	4388
		SLD/5	11883	0	90	709	4952
		SLD/6	12907	179	0	922	7118
		SLD/7	12469	177	0	883	6408
		SLD/8	12787	309	0	856	8318
		SLD/9	12296	0	51	980	5059
		SLD/10	11857	0	50	940	4349
		SLD/11	11769	0	85	952	4887
		SLD/12	11773	163	0	895	3101
		SLD/13	11334	161	0	855	2392
		SLD/14	10897	263	0	810	1624
	X+	SLD/15	10441	342	1140	1437	9162
	X-	SLD/24	8678	284	947	2311	8403
	Y+	SLD/31	12972	1416	425	144	20013
	Y-	SLD/37	4045	442	132	233	11525
5		SLD/1	12900	0	0	1341	5448
		SLD/2	12443	0	0	1289	4694
		SLD/3	12956	0	56	1252	5479
		SLD/4	12500	0	55	1200	4725
		SLD/5	12476	0	94	1094	5329
		SLD/6	13511	187	0	1361	7609
		SLD/7	13054	185	0	1309	6855
		SLD/8	13401	324	0	1275	8880
		SLD/9	12844	0	53	1428	5417
		SLD/10	12388	0	53	1376	4663
		SLD/11	12289	0	89	1386	5226
		SLD/12	12309	171	0	1321	3349
		SLD/13	11852	168	0	1269	2595
		SLD/14	11397	275	0	1208	1779
	X+	SLD/15	11514	377	1257	1553	10025
	X-	SLD/24	8620	282	941	3018	8817
	Y+	SLD/31	13858	1513	454	78	21470
	Y-	SLD/37	4370	477	143	129	12093
6		SLD/1	7605	0	0	2279	1843
		SLD/2	7519	0	0	1878	1801
		SLD/3	7568	33	0	2264	1801
		SLD/4	7482	33	0	1863	1759
		SLD/5	7183	54	0	2203	1672
		SLD/6	7282	0	101	3542	1805
		SLD/7	7196	0	102	3141	1763
		SLD/8	6706	0	162	4332	1678
		SLD/9	7641	32	0	2294	1884
		SLD/10	7555	32	0	1893	1842
		SLD/11	7304	53	0	2252	1809
		SLD/12	7912	0	110	1079	1876
		SLD/13	7826	0	111	678	1834
		SLD/14	7757	0	187	227	1796
	X+	SLD/21	4469	488	146	1321	243
	X-	SLD/30	6528	713	214	730	2148
	Y+	SLD/40	2661	87	291	11301	1142
	Y-	SLD/46	7536	247	823	7649	1660
7		SLD/1	6894	0	0	2227	1226
		SLD/2	6844	0	0	1817	1210
		SLD/3	6929	30	0	2242	1262
		SLD/4	6878	31	0	1832	1246
		SLD/5	6661	50	0	2196	1241
		SLD/6	6576	0	91	3460	1198
		SLD/7	6526	0	93	3050	1182
		SLD/8	6074	0	147	4226	1134
		SLD/9	6861	29	0	2212	1188
		SLD/10	6811	29	0	1802	1172
		SLD/11	6549	47	0	2146	1119
		SLD/12	7202	0	100	1033	1253
		SLD/13	7151	0	101	623	1236
		SLD/14	7116	0	172	181	1226
	X+	SLD/20	6110	667	200	831	1803
	X-	SLD/27	4212	460	138	1375	69
	Y+	SLD/34	2252	74	246	11364	871
	Y-	SLD/36	7197	236	786	7810	1289
8		SLD/1	7078	0	0	2724	240
		SLD/2	7021	0	0	2304	227
		SLD/3	7103	31	0	2739	215
		SLD/4	7045	31	0	2319	202
		SLD/5	6815	52	0	2670	175
		SLD/6	6759	0	94	3952	241
		SLD/7	6702	0	95	3533	228
		SLD/8	6242	0	151	4693	219
		SLD/9	7054	29	0	2708	264

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		SLD/10	6997	30	0	2289	251
		SLD/11	6734	49	0	2620	257
		SLD/12	7386	0	102	1535	238
		SLD/13	7329	0	104	1116	225
		SLD/14	7288	0	176	665	214
	X+	SLD/20	5949	650	195	471	555
	X-	SLD/27	4574	499	150	1040	779
	Y+	SLD/34	2267	74	248	11656	71
	Y-	SLD/36	7219	236	788	7408	100
9		SLD/1	7196	0	0	2746	178
		SLD/2	7131	0	0	2333	163
		SLD/3	7211	31	0	2756	155
		SLD/4	7146	32	0	2343	140
		SLD/5	6904	52	0	2686	118
		SLD/6	6878	0	95	3972	185
		SLD/7	6813	0	97	3559	171
		SLD/8	6349	0	153	4713	169
		SLD/9	7181	30	0	2736	201
		SLD/10	7116	30	0	2323	186
		SLD/11	6855	50	0	2652	195
		SLD/12	7502	0	104	1562	171
		SLD/13	7437	0	105	1149	156
		SLD/14	7390	0	178	696	145
	X+	SLD/20	5723	625	187	506	579
	X-	SLD/27	4889	534	160	888	687
	Y+	SLD/34	2250	74	246	11635	57
	Y-	SLD/36	7164	235	782	7317	188
10		SLD/1	7390	0	0	2797	198
		SLD/2	7313	0	0	2390	188
		SLD/3	7388	32	0	2796	175
		SLD/4	7311	32	0	2389	165
		SLD/5	7050	53	0	2719	140
		SLD/6	7072	0	98	4023	198
		SLD/7	6995	0	99	3617	188
		SLD/8	6524	0	158	4764	178
		SLD/9	7391	31	0	2798	220
		SLD/10	7315	31	0	2391	210
		SLD/11	7056	51	0	2722	215
		SLD/12	7694	0	107	1617	197
		SLD/13	7617	0	108	1211	187
		SLD/14	7561	0	183	754	177
	X+	SLD/21	5325	581	174	610	514
	X-	SLD/30	5431	593	178	576	714
	Y+	SLD/40	2235	73	244	11629	304
	Y-	SLD/46	7096	232	775	7171	284
11		SLD/1	7550	0	0	2805	165
		SLD/2	7466	0	0	2397	159
		SLD/3	7531	33	0	2793	141
		SLD/4	7447	33	0	2385	135
		SLD/5	7166	54	0	2707	109
		SLD/6	7230	0	100	4040	164
		SLD/7	7146	0	101	3632	158
		SLD/8	6665	0	161	4787	147
		SLD/9	7568	31	0	2816	188
		SLD/10	7484	32	0	2408	182
		SLD/11	7228	52	0	2747	188
		SLD/12	7856	0	109	1620	166
		SLD/13	7771	0	110	1212	159
		SLD/14	7707	0	186	754	150
	X+	SLD/21	4940	539	162	867	552
	X-	SLD/30	5999	655	196	412	723
	Y+	SLD/40	2486	81	271	11596	279
	Y-	SLD/46	7342	240	802	7197	282
12		SLD/1	10332	0	0	1370	4996
		SLD/2	10260	0	0	1378	4366
		SLD/3	10283	0	45	1302	4965
		SLD/4	10211	0	45	1310	4336
		SLD/5	9752	0	74	1182	4793
		SLD/6	9724	135	0	1259	6895
		SLD/7	9653	137	0	1266	6265
		SLD/8	8822	213	0	1109	8008
		SLD/9	10379	0	43	1439	5026
		SLD/10	10307	0	44	1447	4396
		SLD/11	9913	0	72	1410	4894
		SLD/12	10910	151	0	1467	3195
		SLD/13	10838	154	0	1475	2565
		SLD/14	10797	261	0	1457	1842
	X+	SLD/21	6426	210	702	755	1170
	X-	SLD/30	9174	301	1002	2837	104
	Y+	SLD/40	2299	251	75	661	17960
	Y-	SLD/46	11458	1251	375	2106	10383
13		SLD/1	10329	0	0	1208	5470
		SLD/2	10302	0	0	1162	4760
		SLD/3	10369	0	45	1138	5500
		SLD/4	10342	0	46	1092	4789
		SLD/5	9948	0	75	993	5346
		SLD/6	9676	134	0	1179	7488
		SLD/7	9649	137	0	1133	6778

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		SLD/8	8793	212	0	1062	8659
		SLD/9	10291	0	43	1277	5439
		SLD/10	10264	0	44	1231	4729
		SLD/11	9819	0	71	1225	5246
		SLD/12	10961	152	0	1236	3513
		SLD/13	10934	155	0	1190	2802
		SLD/14	10935	264	0	1156	2034
	X+	SLD/20	9198	301	1004	1266	25
	X-	SLD/27	6952	228	759	2602	1218
	Y+	SLD/34	1856	203	61	170	19841
	Y-	SLD/36	12001	1310	393	183	11539
14		SLD/1	9900	0	0	797	5145
		SLD/2	9864	0	0	750	4480
		SLD/3	9923	0	43	747	5164
		SLD/4	9887	0	44	700	4499
		SLD/5	9500	0	72	637	5014
		SLD/6	9286	129	0	789	7050
		SLD/7	9250	131	0	742	6385
		SLD/8	8438	204	0	707	8157
		SLD/9	9878	0	41	845	5126
		SLD/10	9841	0	42	798	4461
		SLD/11	9424	0	68	801	4951
		SLD/12	10493	145	0	802	3301
		SLD/13	10456	148	0	755	2637
		SLD/14	10449	252	0	728	1910
	X+	SLD/20	8333	273	910	1080	163
	X-	SLD/27	7005	229	765	1755	918
	Y+	SLD/34	1720	188	56	117	18669
	Y-	SLD/36	11220	1225	368	149	10822
15		SLD/1	9634	0	0	787	5169
		SLD/2	9580	0	0	787	4556
		SLD/3	9634	0	42	747	5170
		SLD/4	9580	0	43	748	4557
		SLD/5	9190	0	69	669	5011
		SLD/6	9056	125	0	731	6953
		SLD/7	9002	128	0	732	6340
		SLD/8	8226	199	0	642	7984
		SLD/9	9633	0	40	825	5168
		SLD/10	9579	0	41	825	4555
		SLD/11	9190	0	67	798	5008
		SLD/12	10189	141	0	837	3449
		SLD/13	10135	144	0	838	2835
		SLD/14	10116	244	0	818	2142
	X+	SLD/20	7343	241	802	640	138
	X-	SLD/27	7329	240	800	1619	182
	Y+	SLD/34	1575	172	52	358	17650
	Y-	SLD/36	10442	1140	342	358	9743
16		SLD/1	9854	0	0	713	5233
		SLD/2	9790	0	0	722	4616
		SLD/3	9833	0	43	669	5216
		SLD/4	9769	0	43	679	4599
		SLD/5	9353	0	71	596	5040
		SLD/6	9272	128	0	651	7031
		SLD/7	9208	131	0	661	6415
		SLD/8	8419	203	0	566	8066
		SLD/9	9875	0	41	755	5249
		SLD/10	9811	0	42	765	4633
		SLD/11	9423	0	68	740	5096
		SLD/12	10412	144	0	770	3504
		SLD/13	10347	147	0	779	2888
		SLD/14	10317	249	0	763	2188
	X+	SLD/21	6858	225	749	671	532
	X-	SLD/30	8072	264	881	1803	152
	Y+	SLD/40	1916	209	63	443	17654
	Y-	SLD/46	10768	1176	353	1265	9733
17		SLD/1	12607	0	0	381	6728
		SLD/2	12145	0	0	365	5951
		SLD/3	12549	0	54	316	6691
		SLD/4	12086	0	54	300	5914
		SLD/5	11954	0	90	234	6403
		SLD/6	13178	183	0	396	8799
		SLD/7	12716	180	0	380	8022
		SLD/8	13004	314	0	367	9916
		SLD/9	12665	0	53	445	6762
		SLD/10	12203	0	52	429	5985
		SLD/11	12148	0	88	449	6521
		SLD/12	12062	167	0	367	4733
		SLD/13	11600	164	0	352	3956
		SLD/14	11144	269	0	320	3139
	X+	SLD/18	8092	265	883	1475	9068
	X-	SLD/25	11105	364	1213	1923	10454
	Y+	SLD/41	13113	1432	430	794	21018
	Y-	SLD/43	4467	488	146	688	10227
18		SLD/1	12572	0	0	169	6625
		SLD/2	12112	0	0	149	5852
		SLD/3	12522	0	54	100	6594
		SLD/4	12062	0	54	80	5820
		SLD/5	11937	0	90	24	6314

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		SLD/6	13142	182	0	169	8690
		SLD/7	12682	180	0	149	7916
		SLD/8	12971	313	0	139	9807
		SLD/9	12621	0	53	237	6655
		SLD/10	12161	0	52	217	5881
		SLD/11	12103	0	88	252	6416
		SLD/12	12027	167	0	175	4633
		SLD/13	11567	164	0	155	3860
		SLD/14	11113	268	0	148	3047
	X+	SLD/18	8298	272	906	1699	9079
	X-	SLD/25	10860	356	1186	1852	10275
	Y+	SLD/41	13022	1422	427	608	20884
	Y-	SLD/43	4375	478	143	726	10340
19		SLD/1	12567	0	0	60	5607
		SLD/2	12110	0	0	78	4880
		SLD/3	12526	0	54	129	5583
		SLD/4	12069	0	54	148	4857
		SLD/5	11951	0	90	196	5369
		SLD/6	13138	182	0	71	7639
		SLD/7	12681	180	0	89	6912
		SLD/8	12971	313	0	99	8795
		SLD/9	12608	0	52	10	5629
		SLD/10	12150	0	52	9	4903
		SLD/11	12087	0	88	36	5445
		SLD/12	12021	167	0	39	3650
		SLD/13	11564	164	0	58	2923
		SLD/14	11109	268	0	46	2146
	X+	SLD/18	8533	279	932	1881	8527
	X-	SLD/25	10630	348	1161	1710	9421
	Y+	SLD/41	12959	1415	424	398	19985
	Y-	SLD/43	4283	468	140	694	10852
20		SLD/1	12091	0	0	535	6222
		SLD/2	11653	0	0	511	5479
		SLD/3	12067	0	52	475	6209
		SLD/4	11629	0	52	451	5466
		SLD/5	11531	0	87	388	5964
		SLD/6	12643	175	0	552	8215
		SLD/7	12204	173	0	527	7472
		SLD/8	12490	302	0	515	9307
		SLD/9	12114	0	50	594	6235
		SLD/10	11676	0	50	570	5492
		SLD/11	11609	0	84	587	6007
		SLD/12	11563	160	0	521	4291
		SLD/13	11125	158	0	497	3548
		SLD/14	10690	258	0	464	2767
	X+	SLD/18	8634	283	943	1190	8955
	X-	SLD/25	9839	322	1074	1875	9489
	Y+	SLD/41	12377	1351	405	886	19973
	Y-	SLD/43	3965	433	130	763	10382
21		SLD/1	12037	0	0	271	6212
		SLD/2	11601	0	0	252	5470
		SLD/3	12021	0	52	211	6203
		SLD/4	11586	0	51	191	5461
		SLD/5	11496	0	87	136	5962
		SLD/6	12587	174	0	273	8201
		SLD/7	12152	172	0	253	7459
		SLD/8	12439	300	0	239	9292
		SLD/9	12052	0	50	331	6220
		SLD/10	11617	0	49	312	5478
		SLD/11	11547	0	84	337	5990
		SLD/12	11509	159	0	276	4283
		SLD/13	11074	157	0	257	3541
		SLD/14	10643	257	0	245	2761
	X+	SLD/18	8806	288	962	1400	9020
	X-	SLD/25	9601	314	1048	1691	9375
	Y+	SLD/41	12277	1340	402	614	19905
	Y-	SLD/43	3866	422	127	729	10450
22		SLD/1	12017	0	0	54	5342
		SLD/2	11584	0	0	40	4640
		SLD/3	12010	0	52	7	5338
		SLD/4	11576	0	51	21	4637
		SLD/5	11493	0	87	72	5150
		SLD/6	12568	174	0	44	7302
		SLD/7	12135	172	0	30	6601
		SLD/8	12425	300	0	14	8424
		SLD/9	12024	0	50	114	5345
		SLD/10	11591	0	49	100	4644
		SLD/11	11518	0	84	130	5162
		SLD/12	11488	159	0	72	3446
		SLD/13	11055	157	0	58	2744
		SLD/14	10624	257	0	61	1996
	X+	SLD/18	9006	295	983	1565	8510
	X-	SLD/25	9387	307	1025	1531	8663
	Y+	SLD/41	12212	1333	400	393	19123
	Y-	SLD/43	3772	412	124	675	10878
23		SLD/1	11855	0	0	641	6175
		SLD/2	11429	0	0	613	5434
		SLD/3	11864	0	51	581	6181

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		SLD/4	11438	0	51	553	5440
		SLD/5	11372	0	86	485	5952
		SLD/6	12402	172	0	656	8152
		SLD/7	11977	170	0	628	7412
		SLD/8	12270	296	0	610	9238
		SLD/9	11847	0	49	700	6169
		SLD/10	11421	0	49	672	5428
		SLD/11	11344	0	82	683	5932
		SLD/12	11329	157	0	628	4253
		SLD/13	10903	155	0	599	3512
		SLD/14	10482	253	0	562	2739
	X+	SLD/15	9328	306	1019	1228	9290
	X-	SLD/24	8894	291	971	1824	9049
	Y+	SLD/31	12128	1324	397	166	19855
	Y-	SLD/37	3714	406	122	271	10510
24		SLD/1	11785	0	0	400	6151
		SLD/2	11363	0	0	374	5411
		SLD/3	11802	0	51	340	6161
		SLD/4	11380	0	51	315	5422
		SLD/5	11323	0	86	254	5937
		SLD/6	12332	171	0	400	8125
		SLD/7	11909	169	0	375	7386
		SLD/8	12206	295	0	355	9210
		SLD/9	11769	0	49	458	6141
		SLD/10	11347	0	48	433	5401
		SLD/11	11268	0	82	452	5902
		SLD/12	11260	156	0	405	4230
		SLD/13	10838	154	0	380	3491
		SLD/14	10420	252	0	363	2719
	X+	SLD/15	9504	311	1038	1409	9385
	X-	SLD/24	8664	284	946	1633	8967
	Y+	SLD/31	12167	1329	399	431	19908
	Y-	SLD/37	3753	410	123	304	10466
25		SLD/1	11748	0	0	178	5237
		SLD/2	11329	0	0	157	4541
		SLD/3	11773	0	51	119	5251
		SLD/4	11354	0	50	98	4555
		SLD/5	11304	0	85	44	5081
		SLD/6	12296	170	0	168	7182
		SLD/7	11876	168	0	147	6486
		SLD/8	12176	294	0	125	8301
		SLD/9	11724	0	49	236	5223
		SLD/10	11305	0	48	216	4527
		SLD/11	11223	0	81	240	5035
		SLD/12	11221	155	0	198	3349
		SLD/13	10802	153	0	177	2653
		SLD/14	10385	251	0	176	1912
	X+	SLD/15	9703	318	1059	1565	8849
	X-	SLD/24	8458	277	924	1467	8305
	Y+	SLD/31	12241	1337	401	644	19222
	Y-	SLD/37	3796	414	124	346	10798
26		SLD/1	12240	0	0	512	5024
		SLD/2	11806	0	0	482	4317
		SLD/3	12284	0	53	440	5048
		SLD/4	11850	0	53	410	4341
		SLD/5	11817	0	89	336	4908
		SLD/6	12816	178	0	514	7059
		SLD/7	12382	176	0	484	6352
		SLD/8	12704	307	0	458	8260
		SLD/9	12197	0	51	583	5000
		SLD/10	11763	0	50	553	4293
		SLD/11	11672	0	85	573	4828
		SLD/12	11683	162	0	518	3049
		SLD/13	11249	159	0	488	2342
		SLD/14	10816	261	0	465	1577
	X+	SLD/15	10638	348	1162	1680	9235
	X-	SLD/24	8404	275	918	2019	8308
	Y+	SLD/31	13011	1421	426	468	20047
	Y-	SLD/37	4082	446	134	343	11493
27		SLD/1	12786	0	0	249	5552
		SLD/2	12334	0	0	227	4796
		SLD/3	12853	0	56	164	5587
		SLD/4	12401	0	55	141	4831
		SLD/5	12389	0	94	57	5436
		SLD/6	13397	186	0	228	7708
		SLD/7	12945	183	0	206	6952
		SLD/8	13296	321	0	165	8970
		SLD/9	12720	0	53	334	5516
		SLD/10	12269	0	52	312	4760
		SLD/11	12168	0	88	342	5318
		SLD/12	12195	169	0	278	3457
		SLD/13	11744	166	0	255	2701
		SLD/14	11293	273	0	247	1886
	X+	SLD/15	11725	384	1280	2268	10188
	X-	SLD/24	8297	272	906	2217	8811
	Y+	SLD/31	13886	1516	455	851	21579
	Y-	SLD/37	4396	480	144	448	11953
28		SLD/1	8017	0	0	2328	2802

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		SLD/2	7857	0	0	1913	2730
		SLD/3	7977	35	0	2309	2752
		SLD/4	7817	35	0	1895	2680
		SLD/5	7580	57	0	2238	2570
		SLD/6	7923	0	110	3591	2782
		SLD/7	7763	0	110	3177	2710
		SLD/8	7490	0	181	4375	2620
		SLD/9	8056	34	0	2346	2848
		SLD/10	7896	34	0	1932	2776
		SLD/11	7711	56	0	2300	2730
		SLD/12	8107	0	112	1123	2813
		SLD/13	7947	0	113	709	2741
		SLD/14	7796	0	188	262	2673
	X+	SLD/21	4222	461	138	1374	714
	X-	SLD/30	6397	698	210	673	2808
	Y+	SLD/40	4713	154	515	11387	1958
	Y-	SLD/46	6144	201	671	7677	2143
29		SLD/1	8463	0	0	2624	2904
		SLD/2	8227	0	0	2193	2819
		SLD/3	8420	37	0	2602	2854
		SLD/4	8183	36	0	2171	2769
		SLD/5	8008	61	0	2510	2668
		SLD/6	8599	0	119	3893	2923
		SLD/7	8362	0	119	3462	2838
		SLD/8	8306	0	201	4661	2782
		SLD/9	8506	35	0	2647	2950
		SLD/10	8270	35	0	2216	2865
		SLD/11	8152	59	0	2585	2828
		SLD/12	8335	0	115	1414	2879
		SLD/13	8098	0	115	983	2794
		SLD/14	7866	0	190	530	2710
	X+	SLD/18	4609	503	151	4682	818
	X-	SLD/25	6924	756	227	5510	2900
	Y+	SLD/41	6833	224	746	12021	2304
	Y-	SLD/43	4802	157	524	7156	1915
30		SLD/1	8978	0	0	3074	1939
		SLD/2	8662	0	0	2627	1876
		SLD/3	8930	39	0	3050	1899
		SLD/4	8614	38	0	2602	1836
		SLD/5	8499	64	0	2933	1768
		SLD/6	9344	0	129	4361	1971
		SLD/7	9028	0	128	3914	1907
		SLD/8	9190	0	222	5119	1887
		SLD/9	9025	38	0	3098	1977
		SLD/10	8709	37	0	2651	1913
		SLD/11	8657	63	0	3015	1897
		SLD/12	8628	0	120	1845	1904
		SLD/13	8312	0	118	1397	1841
		SLD/14	7996	0	193	925	1777
	X+	SLD/18	5481	599	180	4971	378
	X-	SLD/25	7953	868	260	5863	2177
	Y+	SLD/41	9047	296	988	12442	1734
	Y-	SLD/43	3520	115	384	7001	1185
31		SLD/1	7301	0	0	2318	2078
		SLD/2	7176	0	0	1902	2036
		SLD/3	7338	32	0	2335	2117
		SLD/4	7213	32	0	1919	2076
		SLD/5	7062	53	0	2286	2061
		SLD/6	7207	0	100	3554	2070
		SLD/7	7082	0	100	3138	2029
		SLD/8	6843	0	165	4317	1983
		SLD/9	7265	30	0	2300	2035
		SLD/10	7140	30	0	1884	1994
		SLD/11	6940	50	0	2228	1924
		SLD/12	7392	0	102	1123	2085
		SLD/13	7267	0	103	707	2043
		SLD/14	7152	0	173	265	2007
	X+	SLD/20	5964	651	195	735	2408
	X-	SLD/27	3960	432	130	1376	353
	Y+	SLD/34	4316	141	471	11449	1610
	Y-	SLD/36	5782	189	631	7767	1730
32		SLD/1	7746	0	0	2607	2135
		SLD/2	7545	0	0	2181	2084
		SLD/3	7786	34	0	2626	2175
		SLD/4	7585	34	0	2201	2123
		SLD/5	7500	57	0	2565	2117
		SLD/6	7876	0	109	3846	2159
		SLD/7	7674	0	109	3421	2108
		SLD/8	7649	0	185	4597	2091
		SLD/9	7706	32	0	2586	2093
		SLD/10	7505	32	0	2161	2041
		SLD/11	7367	53	0	2498	1980
		SLD/12	7620	0	106	1408	2112
		SLD/13	7419	0	105	983	2060
		SLD/14	7223	0	174	535	2012
	X+	SLD/15	6477	707	212	5466	2488
	X-	SLD/24	4346	475	142	4716	445
	Y+	SLD/31	6447	211	704	12030	1902
	Y-	SLD/37	4429	145	484	7239	1534

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
33		SLD/1	8250	0	0	2969	1307
		SLD/2	7971	0	0	2532	1273
		SLD/3	8295	36	0	2990	1341
		SLD/4	8015	36	0	2553	1306
		SLD/5	7996	60	0	2913	1317
		SLD/6	8606	0	119	4223	1340
		SLD/7	8327	0	118	3786	1306
		SLD/8	8515	0	206	4968	1317
		SLD/9	8207	34	0	2947	1271
		SLD/10	7928	34	0	2511	1237
		SLD/11	7850	57	0	2842	1201
		SLD/12	7906	0	110	1755	1274
		SLD/13	7627	0	108	1318	1240
		SLD/14	7349	0	177	855	1206
	X+	SLD/15	7494	818	245	5767	1848
	X-	SLD/24	5221	570	171	4953	61
	Y+	SLD/31	8657	284	945	12388	1396
	Y-	SLD/37	3130	103	342	7111	890
34		SLD/1	7548	0	0	2501	210
		SLD/2	7414	0	0	2080	199
		SLD/3	7575	33	0	2517	183
		SLD/4	7441	33	0	2096	173
		SLD/5	7276	55	0	2459	145
		SLD/6	7453	0	103	3746	211
		SLD/7	7319	0	104	3325	201
		SLD/8	7072	0	171	4508	192
		SLD/9	7521	31	0	2485	236
		SLD/10	7388	31	0	2064	225
		SLD/11	7186	52	0	2407	233
		SLD/12	7639	0	106	1299	209
		SLD/13	7506	0	106	877	198
		SLD/14	7383	0	178	429	187
	X+	SLD/20	5845	638	191	642	599
	X-	SLD/27	4366	477	143	1227	800
	Y+	SLD/34	4376	143	478	11635	97
	Y-	SLD/36	5849	192	639	7675	115
35		SLD/1	7992	0	0	2420	209
		SLD/2	7782	0	0	1998	199
		SLD/3	8022	35	0	2436	183
		SLD/4	7812	35	0	2014	173
		SLD/5	7713	58	0	2382	145
		SLD/6	8123	0	113	3668	209
		SLD/7	7913	0	112	3246	199
		SLD/8	7881	0	190	4435	189
		SLD/9	7963	33	0	2403	234
		SLD/10	7753	33	0	1982	224
		SLD/11	7613	55	0	2328	231
		SLD/12	7866	0	109	1214	208
		SLD/13	7656	0	109	793	198
		SLD/14	7452	0	180	346	188
	X+	SLD/15	6348	693	208	5282	583
	X-	SLD/24	4760	520	156	4672	799
	Y+	SLD/31	6510	213	711	11917	93
	Y-	SLD/37	4480	147	489	7445	106
36		SLD/1	8437	0	0	2548	241
		SLD/2	8150	0	0	2122	230
		SLD/3	8470	37	0	2564	214
		SLD/4	8183	36	0	2139	203
		SLD/5	8150	62	0	2505	174
		SLD/6	8794	0	122	3803	242
		SLD/7	8508	0	121	3377	231
		SLD/8	8691	0	210	4569	220
		SLD/9	8404	35	0	2532	267
		SLD/10	8118	35	0	2106	256
		SLD/11	8041	58	0	2450	262
		SLD/12	8091	0	112	1335	240
		SLD/13	7805	0	111	909	229
		SLD/14	7520	0	182	455	217
	X+	SLD/15	7310	798	239	5384	576
	X-	SLD/24	5611	613	184	4765	815
	Y+	SLD/31	8675	284	947	12049	89
	Y-	SLD/37	3132	103	342	7414	97
37		SLD/1	7668	0	0	2512	153
		SLD/2	7528	0	0	2094	146
		SLD/3	7685	33	0	2522	127
		SLD/4	7545	33	0	2105	120
		SLD/5	7367	56	0	2462	93
		SLD/6	7574	0	105	3756	156
		SLD/7	7434	0	105	3339	149
		SLD/8	7182	0	173	4519	142
		SLD/9	7652	32	0	2501	178
		SLD/10	7512	32	0	2084	172
		SLD/11	7312	53	0	2427	179
		SLD/12	7759	0	107	1312	150
		SLD/13	7618	0	108	894	143
		SLD/14	7490	0	181	444	132
	X+	SLD/20	5612	613	184	693	626
	X-	SLD/27	4708	514	154	1083	753

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
	Y+	SLD/34	4356	143	476	11626	112
	Y-	SLD/36	5807	190	634	7607	160
38		SLD/1	8114	0	0	2425	155
		SLD/2	7898	0	0	2005	149
		SLD/3	8133	35	0	2436	129
		SLD/4	7917	35	0	2015	123
		SLD/5	7804	59	0	2379	96
		SLD/6	8246	0	114	3674	155
		SLD/7	8030	0	114	3254	150
		SLD/8	7993	0	193	4442	140
		SLD/9	8096	34	0	2414	180
		SLD/10	7880	34	0	1994	174
		SLD/11	7743	56	0	2342	181
		SLD/12	7987	0	111	1221	154
		SLD/13	7771	0	110	801	149
		SLD/14	7561	0	183	354	138
	X+	SLD/15	6102	666	200	5149	607
	X-	SLD/24	5125	560	168	4742	763
	Y+	SLD/31	6478	212	707	11809	119
	Y-	SLD/37	4439	145	485	7491	138
39		SLD/1	8561	0	0	2574	188
		SLD/2	8268	0	0	2147	179
		SLD/3	8581	37	0	2585	161
		SLD/4	8289	37	0	2158	152
		SLD/5	8242	62	0	2520	125
		SLD/6	8919	0	124	3831	188
		SLD/7	8627	0	122	3404	179
		SLD/8	8805	0	213	4597	168
		SLD/9	8541	36	0	2563	213
		SLD/10	8248	35	0	2136	204
		SLD/11	8174	59	0	2484	211
		SLD/12	8215	0	114	1360	189
		SLD/13	7922	0	112	933	180
		SLD/14	7631	0	184	480	170
	X+	SLD/15	7041	769	231	5264	603
	X-	SLD/24	5990	654	196	4851	766
	Y+	SLD/31	8625	283	942	11964	134
	Y-	SLD/37	3083	101	337	7457	119
40		SLD/1	7868	0	0	2533	200
		SLD/2	7717	0	0	2118	190
		SLD/3	7866	34	0	2532	174
		SLD/4	7715	34	0	2117	164
		SLD/5	7515	57	0	2464	137
		SLD/6	7775	0	108	3781	200
		SLD/7	7624	0	108	3366	191
		SLD/8	7364	0	178	4546	181
		SLD/9	7870	33	0	2534	225
		SLD/10	7719	33	0	2119	215
		SLD/11	7522	55	0	2467	222
		SLD/12	7957	0	110	1334	199
		SLD/13	7806	0	111	919	189
		SLD/14	7667	0	185	467	179
	X+	SLD/21	5192	567	170	827	587
	X-	SLD/30	5304	579	174	788	780
	Y+	SLD/40	4341	142	474	11626	308
	Y-	SLD/46	5763	189	629	7499	298
41		SLD/1	8316	0	0	2427	198
		SLD/2	8089	0	0	2008	188
		SLD/3	8314	36	0	2426	172
		SLD/4	8087	36	0	2007	163
		SLD/5	7951	60	0	2362	136
		SLD/6	8450	0	117	3681	198
		SLD/7	8223	0	117	3263	189
		SLD/8	8178	0	197	4454	179
		SLD/9	8318	35	0	2428	223
		SLD/10	8091	34	0	2010	214
		SLD/11	7958	58	0	2366	221
		SLD/12	8187	0	113	1223	198
		SLD/13	7961	0	113	804	188
		SLD/14	7740	0	187	357	178
	X+	SLD/18	5649	617	185	4866	587
	X-	SLD/25	5769	630	189	4908	778
	Y+	SLD/41	6445	211	704	11623	302
	Y-	SLD/43	4394	144	480	7593	294
42		SLD/1	8764	0	0	2600	203
		SLD/2	8461	0	0	2172	193
		SLD/3	8762	38	0	2599	177
		SLD/4	8458	38	0	2171	167
		SLD/5	8387	63	0	2526	140
		SLD/6	9126	0	126	3864	205
		SLD/7	8822	0	125	3435	194
		SLD/8	8994	0	217	4633	185
		SLD/9	8767	36	0	2601	229
		SLD/10	8463	36	0	2173	218
		SLD/11	8395	61	0	2529	226
		SLD/12	8417	0	117	1386	203
		SLD/13	8114	0	115	957	192
		SLD/14	7812	0	189	502	182

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
	X+	SLD/18	6537	714	214	4996	573
	X-	SLD/25	6665	728	218	5037	786
	Y+	SLD/41	8561	280	935	11803	317
	Y-	SLD/43	3020	99	330	7556	314
43		SLD/1	8029	0	0	2531	165
		SLD/2	7870	0	0	2115	159
		SLD/3	8008	35	0	2519	139
		SLD/4	7849	35	0	2102	133
		SLD/5	7628	58	0	2443	105
		SLD/6	7935	0	110	3788	166
		SLD/7	7777	0	110	3372	160
		SLD/8	7508	0	181	4560	150
		SLD/9	8049	33	0	2543	191
		SLD/10	7891	34	0	2127	185
		SLD/11	7698	56	0	2485	192
		SLD/12	8118	0	112	1327	165
		SLD/13	7959	0	113	911	159
		SLD/14	7812	0	189	458	148
	X+	SLD/21	4759	520	156	1097	612
	X-	SLD/30	5901	644	193	630	770
	Y+	SLD/40	4584	150	501	11582	290
	Y-	SLD/46	6002	197	655	7538	284
44		SLD/1	8476	0	0	2427	162
		SLD/2	8242	0	0	2005	156
		SLD/3	8453	37	0	2414	136
		SLD/4	8218	36	0	1992	130
		SLD/5	8060	61	0	2342	103
		SLD/6	8611	0	119	3691	162
		SLD/7	8377	0	119	3269	156
		SLD/8	8324	0	201	4469	146
		SLD/9	8499	35	0	2440	187
		SLD/10	8265	35	0	2018	181
		SLD/11	8137	59	0	2385	188
		SLD/12	8347	0	116	1218	161
		SLD/13	8112	0	115	796	155
		SLD/14	7883	0	190	348	145
	X+	SLD/18	5178	565	170	4699	611
	X-	SLD/25	6407	700	210	5189	764
	Y+	SLD/41	6701	219	732	11796	284
	Y-	SLD/43	4647	152	507	7414	276
45		SLD/1	8925	0	0	2609	164
		SLD/2	8613	0	0	2178	155
		SLD/3	8900	39	0	2597	137
		SLD/4	8588	38	0	2165	129
		SLD/5	8493	64	0	2513	103
		SLD/6	9290	0	129	3883	165
		SLD/7	8978	0	127	3451	157
		SLD/8	9143	0	221	4657	149
		SLD/9	8951	37	0	2623	190
		SLD/10	8639	37	0	2191	181
		SLD/11	8578	62	0	2557	190
		SLD/12	8576	0	119	1390	163
		SLD/13	8264	0	117	958	155
		SLD/14	7954	0	192	502	146
	X+	SLD/18	6036	659	198	4829	608
	X-	SLD/25	7355	803	241	5327	777
	Y+	SLD/41	8848	290	966	11980	299
	Y-	SLD/43	3305	108	361	7374	292
46		SLD/1	10227	0	0	465	6211
		SLD/2	10154	0	0	477	5588
		SLD/3	10187	0	44	411	6175
		SLD/4	10113	0	45	422	5552
		SLD/5	9667	0	73	344	5945
		SLD/6	9631	133	0	417	8017
		SLD/7	9557	135	0	428	7394
		SLD/8	8741	211	0	353	9015
		SLD/9	10267	0	43	518	6244
		SLD/10	10194	0	43	529	5621
		SLD/11	9802	0	71	521	6060
		SLD/12	10797	150	0	505	4489
		SLD/13	10723	152	0	516	3866
		SLD/14	10685	258	0	500	3136
	X+	SLD/21	6556	215	716	1153	324
	X-	SLD/30	8879	291	969	1891	1169
	Y+	SLD/40	2233	244	73	490	18165
	Y-	SLD/46	11263	1230	369	1058	8948
47		SLD/1	10186	0	0	187	6200
		SLD/2	10113	0	0	161	5578
		SLD/3	10151	0	44	137	6169
		SLD/4	10079	0	45	111	5547
		SLD/5	9641	0	73	72	5944
		SLD/6	9591	133	0	200	7992
		SLD/7	9518	135	0	174	7371
		SLD/8	8707	210	0	176	8983
		SLD/9	10219	0	43	235	6229
		SLD/10	10146	0	43	209	5607
		SLD/11	9753	0	71	234	6044
		SLD/12	10754	149	0	169	4484

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		SLD/13	10681	151	0	143	3862
		SLD/14	10645	257	0	124	3135
	X+	SLD/21	6719	220	734	1344	211
	X-	SLD/30	8663	284	946	1441	1091
	Y+	SLD/40	2155	235	71	715	18158
	Y-	SLD/46	11170	1220	366	385	8936
48		SLD/1	10177	0	0	5	5417
		SLD/2	10109	0	0	37	4784
		SLD/3	10149	0	44	42	5394
		SLD/4	10081	0	45	84	4761
		SLD/5	9647	0	73	103	5207
		SLD/6	9578	133	0	52	7269
		SLD/7	9510	135	0	10	6635
		SLD/8	8695	210	0	54	8331
		SLD/9	10204	0	42	50	5439
		SLD/10	10136	0	43	9	4806
		SLD/11	9739	0	71	51	5283
		SLD/12	10750	149	0	46	3641
		SLD/13	10682	151	0	88	3008
		SLD/14	10648	257	0	110	2286
	X+	SLD/21	6904	226	754	1464	651
	X-	SLD/30	8498	278	928	1173	284
	Y+	SLD/40	2053	224	67	830	18154
	Y-	SLD/46	11153	1218	365	10	9958
49		SLD/1	10235	0	0	84	5031
		SLD/2	10213	0	0	47	4328
		SLD/3	10283	0	45	1	5062
		SLD/4	10262	0	46	38	4359
		SLD/5	9878	0	75	100	4929
		SLD/6	9581	133	0	133	7058
		SLD/7	9559	135	0	96	6355
		SLD/8	8707	210	0	123	8257
		SLD/9	10188	0	42	167	5001
		SLD/10	10166	0	43	130	4298
		SLD/11	9718	0	70	179	4827
		SLD/12	10867	151	0	32	3064
		SLD/13	10845	154	0	5	2361
		SLD/14	10851	262	0	45	1599
	X+	SLD/20	9404	308	1027	2456	341
	X-	SLD/27	6663	218	728	2090	1543
	Y+	SLD/34	1878	205	62	328	19630
	Y-	SLD/36	12043	1315	394	1171	11938
50		SLD/1	9816	0	0	519	5115
		SLD/2	9786	0	0	474	4447
		SLD/3	9846	0	43	464	5138
		SLD/4	9815	0	44	419	4470
		SLD/5	9436	0	71	366	4991
		SLD/6	9201	127	0	542	7021
		SLD/7	9171	130	0	497	6353
		SLD/8	8362	202	0	496	8130
		SLD/9	9788	0	41	572	5092
		SLD/10	9757	0	42	527	4423
		SLD/11	9339	0	68	546	4914
		SLD/12	10410	144	0	491	3268
		SLD/13	10379	147	0	446	2600
		SLD/14	10377	251	0	411	1875
	X+	SLD/20	8490	278	927	1422	135
	X-	SLD/27	6791	222	741	1636	1052
	Y+	SLD/34	1732	189	57	58	18677
	Y-	SLD/36	11264	1230	369	576	10897
51		SLD/1	9537	0	0	621	5838
		SLD/2	9483	0	0	608	5238
		SLD/3	9542	0	41	583	5844
		SLD/4	9488	0	42	570	5244
		SLD/5	9109	0	69	507	5663
		SLD/6	8965	124	0	594	7557
		SLD/7	8911	126	0	581	6957
		SLD/8	8146	197	0	526	8517
		SLD/9	9531	0	40	658	5833
		SLD/10	9478	0	40	646	5232
		SLD/11	9091	0	66	633	5644
		SLD/12	10087	140	0	643	4179
		SLD/13	10033	142	0	631	3579
		SLD/14	10017	242	0	608	2887
	X+	SLD/20	7436	244	812	803	511
	X-	SLD/27	7124	233	778	1421	263
	Y+	SLD/34	1618	177	53	247	17591
	Y-	SLD/36	10411	1137	341	22	8846
52		SLD/1	9471	0	0	353	5824
		SLD/2	9422	0	0	306	5223
		SLD/3	9482	0	41	314	5835
		SLD/4	9432	0	42	266	5234
		SLD/5	9059	0	68	236	5657
		SLD/6	8899	123	0	380	7540
		SLD/7	8850	125	0	332	6939
		SLD/8	8088	195	0	345	8499
		SLD/9	9461	0	39	391	5813
		SLD/10	9412	0	40	344	5212

RISULTANTI SOLLECITAZIONI TRAVI WINKLER - SLD

Trave N.ro	Combinazione N.ro		Rv (kg)	Vx (kg)	Vy (kg)	Mrx kg*cm	Mry kg*cm
		SLD/11	9024	0	65	364	5621
		SLD/12	10022	139	0	323	4165
		SLD/13	9973	141	0	275	3565
		SLD/14	9959	240	0	251	2875
	X+	SLD/20	7565	248	826	1137	580
	X-	SLD/27	6953	228	759	1136	130
	Y+	SLD/34	1636	179	54	24	17585
	Y-	SLD/36	10448	1141	342	587	8873
53		SLD/1	9439	0	0	162	5106
		SLD/2	9398	0	0	97	4488
		SLD/3	9455	0	41	121	5120
		SLD/4	9413	0	42	55	4503
		SLD/5	9042	0	68	42	4971
		SLD/6	8861	123	0	224	6886
		SLD/7	8819	125	0	158	6269
		SLD/8	8052	194	0	214	7915
		SLD/9	9424	0	39	203	5091
		SLD/10	9382	0	40	138	4474
		SLD/11	8990	0	65	180	4924
		SLD/12	9997	138	0	98	3384
		SLD/13	9955	141	0	33	2766
		SLD/14	9945	240	0	5	2077
	X+	SLD/20	7736	253	845	1401	5
	X-	SLD/27	6813	223	744	998	561
	Y+	SLD/34	1628	178	53	104	17638
	Y-	SLD/36	10558	1153	346	987	9877
54		SLD/1	9768	0	0	555	5921
		SLD/2	9703	0	0	552	5318
		SLD/3	9752	0	42	514	5908
		SLD/4	9687	0	43	512	5304
		SLD/5	9282	0	70	446	5707
		SLD/6	9193	127	0	519	7654
		SLD/7	9128	129	0	517	7050
		SLD/8	8349	202	0	455	8617
		SLD/9	9783	0	41	594	5935
		SLD/10	9718	0	41	591	5331
		SLD/11	9333	0	68	579	5752
		SLD/12	10319	143	0	584	4255
		SLD/13	10254	145	0	582	3651
		SLD/14	10226	247	0	563	2951
	X+	SLD/21	6950	228	759	755	117
	X-	SLD/30	7845	257	857	1567	693
	Y+	SLD/40	1852	202	61	545	17632
	Y-	SLD/46	10616	1159	348	939	8802
55		SLD/1	9713	0	0	277	5901
		SLD/2	9651	0	0	241	5299
		SLD/3	9703	0	42	238	5892
		SLD/4	9640	0	43	203	5290
		SLD/5	9241	0	70	171	5696
		SLD/6	9140	127	0	294	7629
		SLD/7	9077	129	0	259	7027
		SLD/8	8302	200	0	265	8591
		SLD/9	9723	0	40	314	5909
		SLD/10	9661	0	41	279	5307
		SLD/11	9275	0	67	298	5725
		SLD/12	10264	142	0	255	4236
		SLD/13	10201	145	0	220	3634
		SLD/14	10176	246	0	199	2936
	X+	SLD/21	7069	232	772	1022	227
	X-	SLD/30	7660	251	836	1217	600
	Y+	SLD/40	1766	193	58	751	17628
	Y-	SLD/46	10531	1150	345	333	8806
56		SLD/1	9693	0	0	98	5190
		SLD/2	9635	0	0	51	4576
		SLD/3	9687	0	42	59	5187
		SLD/4	9630	0	43	12	4573
		SLD/5	9234	0	70	4	5023
		SLD/6	9114	126	0	144	6978
		SLD/7	9057	128	0	98	6364
		SLD/8	8278	200	0	139	8008
		SLD/9	9698	0	40	136	5194
		SLD/10	9641	0	41	89	4580
		SLD/11	9251	0	67	124	5035
		SLD/12	10248	142	0	48	3468
		SLD/13	10191	144	0	1	2854
		SLD/14	10169	246	0	22	2159
	X+	SLD/21	7221	237	788	1208	232
	X-	SLD/30	7514	246	820	1037	82
	Y+	SLD/40	1658	181	54	848	17661
	Y-	SLD/46	10516	1148	344	4	9732

PARAMETRI GEOTECNICI TRAVI WINKLER - S.L.U.

IDENTIFICATIVO				CONDIZIONE DRENATA							NON DRENATA	
Trave N.ro	Infiss m	Tipo Tabel	Gamma kg/mc	Fi' Grd	C' kg/cmq	Mod.El kg/cmq	Poiss on	P base kg/cmq	Indice Rigid.	IndRig Crit.	Cu kg/cmq	P base kg/cmq
1	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		

PARAMETRI GEOTECNICI TRAVI WINKLER - S.L.U.

IDENTIFICATIVO				CONDIZIONE DRENATA							NON DRENATA	
Trave N.ro	Infiss m	Tipo Tabel	Gamma kg/mc	Fi' Grd	C' kg/cmq	Mod.El kg/cmq	Poiss on	P base kg/cmq	Indice Rigid.	IndRig Crit.	Cu kg/cmq	P base kg/cmq
2	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
3	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
4	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	290.80		
5	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	303.35		
6	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
7	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
8	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
9	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
10	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
11	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
12	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
13	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	303.35		
14	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	290.80		
15	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
16	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
17	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
18	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
19	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
20	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
21	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
22	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
23	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
24	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
25	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
26	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	290.80		
27	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	303.35		
28	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
29	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
30	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
31	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
32	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
33	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
34	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
35	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
36	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
37	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
38	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
39	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
40	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
41	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
42	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
43	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		

PARAMETRI GEOTECNICI TRAVI WINKLER - S.L.U.

IDENTIFICATIVO				CONDIZIONE DRENATA							NON DRENATA	
Trave N.ro	Infiss m	Tipo Tabel	Gamma kg/mc	Fi' Grd	C' kg/cmq	Mod.El kg/cmq	Poisson	P base kg/cmq	Indice Rigid.	IndRig Crit.	Cu kg/cmq	P base kg/cmq
44	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
45	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
46	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
47	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
48	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
49	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	303.35		
50	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	290.80		
51	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
52	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
53	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
54	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
55	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
56	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
1	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	A1/18	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	A1/25	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	A1/41	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y-	A1/43	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
2	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/18	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/25	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	A1/41	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/43	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
3	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/15	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/24	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	A1/31	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/37	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
4	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg		N.ro	Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X+	A1/15	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X-	A1/24	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y+	A1/31	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y-	A1/37	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
5	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X+	A1/15	1.00	0.75	0.75	0.61	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X-	A1/24	1.00	0.75	0.75	0.61	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y+	A1/31	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y-	A1/37	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
6	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	A1/21	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	A1/30	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	A1/40	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	A1/46	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
7	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	A1/20	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	A1/27	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	A1/34	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	A1/36	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
8	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	A1/20	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	A1/27	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	A1/34	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	A1/36	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
9	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	A1/20	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	A1/27	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	A1/34	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	A1/36	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
10	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	A1/21	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	A1/30	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	A1/40	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	A1/46	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
11	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	A1/21	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	A1/30	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	A1/40	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	A1/46	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
12	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	A1/21	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	A1/30	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	A1/39													
								Y-	A1/46	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
13	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X+	A1/20	1.00	0.75	0.75	0.61	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X-	A1/27	1.00	0.75	0.75	0.61	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg		N.ro	Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
								Y-	A1/36	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
14	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X+	A1/20	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X-	A1/27	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y-	A1/36	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
15	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/20	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/27	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/36	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
16	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/21	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/30	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	A1/39													
								Y-	A1/46	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
17	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	A1/18	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	A1/25	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	A1/41	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y-	A1/43	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
18	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	A1/18	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	A1/25	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	A1/41	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg		N.ro	Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
								Y-	A1/43	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
19	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	A1/18	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	A1/25	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	A1/41	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y-	A1/43	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
20	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/18	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/25	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	A1/41	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/43	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
21	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/18	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/25	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	A1/41	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/43	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
22	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/18	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/25	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	A1/41	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/43	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
23	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/15	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
								X-	A1/24	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	A1/31	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/37	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
24	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/15	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/24	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	A1/31	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/37	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
25	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/15	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/24	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	A1/31	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/37	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
26	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X+	A1/15	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X-	A1/24	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y+	A1/31	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y-	A1/37	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
27	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X+	A1/15	1.00	0.75	0.75	0.61	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X-	A1/24	1.00	0.75	0.75	0.61	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y+	A1/31	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y-	A1/37	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
28	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
								A1/14		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/21	X+	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/30	X-	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/40	Y+	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/46	Y-	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
29	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/18	X+	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/25	X-	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/41	Y+	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/43	Y-	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
30	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/18	X+	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/25	X-	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/41	Y+	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/43	Y-	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
31	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/20	X+	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/27	X-	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/34	Y+	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/36	Y-	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
32	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/15	X+	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/24	X-	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/31	Y+	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/37	Y-	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
33	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	A1/15	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	A1/24	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	A1/31	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	A1/37	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
34	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	A1/20	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	A1/27	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	A1/34	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	A1/36	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
35	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	A1/15	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	A1/24	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	A1/31	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	A1/37	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
36	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	A1/15	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	A1/24	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	A1/31	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	A1/37	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
37	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	A1/20	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	A1/27	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	A1/34	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	A1/36	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
38	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
								A1/10		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/15	X+	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/24	X-	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/31	Y+	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/37	Y-	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
39	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/15	X+	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/24	X-	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/31	Y+	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/37	Y-	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
40	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/21	X+	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/30	X-	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/40	Y+	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/46	Y-	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
41	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/18	X+	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/25	X-	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/41	Y+	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/43	Y-	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
42	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/8		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14		1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/18	X+	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/25	X-	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/41	Y+	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/43	Y-	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
43	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2		1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4		1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5		1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6		1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7		1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb	Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro	Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
								A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+ A1/21	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X- A1/30	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+ A1/40	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y- A1/46	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
44	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+ A1/18	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X- A1/25	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+ A1/41	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y- A1/43	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
45	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								A1/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+ A1/18	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X- A1/25	1.00	0.74	0.74	0.60	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+ A1/41	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y- A1/43	1.00	0.72	0.72	0.58	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
46	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+ A1/21	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X- A1/30	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+ A1/39													
								Y- A1/46	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
47	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+ A1/21	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X- A1/30	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+ A1/39													
								Y- A1/46	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
48	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb	Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro	Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
								A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
							X+	A1/21	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
							X-	A1/30	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
							Y+	A1/39													
							Y-	A1/46	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
49	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
							X+	A1/20	1.00	0.75	0.75	0.61	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
							X-	A1/27	1.00	0.75	0.75	0.61	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
							Y-	A1/36	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
50	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
							X+	A1/20	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
							X-	A1/27	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
							Y-	A1/36	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
51	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
							X+	A1/20	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
							X-	A1/27	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
							Y-	A1/36	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
52	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
							X+	A1/20	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
							X-	A1/27	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
							Y-	A1/36	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
53	75.31	64.20	109.41	1.00	1.00	1.00	1.00	A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.U.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/20	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/27	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/36	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
54	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/21	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/30	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	A1/39													
								Y-	A1/46	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
55	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/21	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/30	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/46	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
56	75.31	64.20	109.41	1.00	1.00	1.00	1.00		A1/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									A1/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	A1/21	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	A1/30	1.00	0.74	0.75	0.61	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	A1/46	1.00	0.71	0.71	0.57	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Trave	Asta3d	Comb	Bx'	By'	GamEf	QLimV	GamEf	QLimV	N	Coeff.	Minimo	N/Ar	QLim/Ar	Status
N.ro	N.ro	N.ro	m	m	kg/mc	(t)	kg/mc	(t)	(t)	Sicur.	CoeSic	kg/cmq	kg/cmq	Verifica
1	1	A1/1	0.70	0.93	1800	37.4								
		A1/2	0.70	0.93	1800	37.4								
		A1/3	0.70	0.93	1800	37.1								
		A1/4	0.70	0.93	1800	37.1								
		A1/5	0.70	0.93	1800	36.9								
		A1/6	0.70	0.93	1800	36.4								
		A1/7	0.70	0.93	1800	36.4								
		A1/8	0.70	0.93	1800	35.7								
		A1/9	0.70	0.93	1800	37.1								
		A1/10	0.70	0.93	1800	37.1								
		A1/11	0.70	0.93	1800	36.9								
		A1/12	0.70	0.93	1800	36.4								
		A1/13	0.70	0.93	1800	36.4								
		A1/14	0.70	0.93	1800	35.7								
		X+ A1/18	0.70	0.93	1800	26.1								
		X- A1/25	0.70	0.93	1800	26.1								
		Y+ A1/41	0.70	0.93	1800	24.8								
		Y- A1/43	0.70	0.93	1800	24.8								
2	2	A1/1	0.70	0.90	1800	36.5								
		A1/2	0.70	0.90	1800	36.5								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO						DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
			A1/3	0.70	0.90	1800	36.2								
			A1/4	0.70	0.90	1800	36.2								
			A1/5	0.70	0.90	1800	36.0								
			A1/6	0.70	0.90	1800	35.5								
			A1/7	0.70	0.90	1800	35.5								
			A1/8	0.70	0.90	1800	34.8								
			A1/9	0.70	0.90	1800	36.2								
			A1/10	0.70	0.90	1800	36.2								
			A1/11	0.70	0.90	1800	36.0								
			A1/12	0.70	0.90	1800	35.5								
			A1/13	0.70	0.90	1800	35.5								
			A1/14	0.70	0.90	1800	34.8								
		X+	A1/18	0.70	0.90	1800	25.4								
		X-	A1/25	0.70	0.90	1800	25.4								
		Y+	A1/41	0.70	0.90	1800	24.2								
		Y-	A1/43	0.70	0.90	1800	24.2								
3	3		A1/1	0.70	0.90	1800	36.5								
			A1/2	0.70	0.90	1800	36.5								
			A1/3	0.70	0.90	1800	36.2								
			A1/4	0.70	0.90	1800	36.2								
			A1/5	0.70	0.90	1800	36.0								
			A1/6	0.70	0.90	1800	35.5								
			A1/7	0.70	0.90	1800	35.5								
			A1/8	0.70	0.90	1800	34.8								
			A1/9	0.70	0.90	1800	36.2								
			A1/10	0.70	0.90	1800	36.2								
			A1/11	0.70	0.90	1800	36.0								
			A1/12	0.70	0.90	1800	35.5								
			A1/13	0.70	0.90	1800	35.5								
			A1/14	0.70	0.90	1800	34.8								
		X+	A1/15	0.70	0.90	1800	25.4								
		X-	A1/24	0.70	0.90	1800	25.4								
		Y+	A1/31	0.70	0.90	1800	24.2								
		Y-	A1/37	0.70	0.90	1800	24.2								
4	4		A1/1	0.70	0.95	1800	38.3								
			A1/2	0.70	0.95	1800	38.3								
			A1/3	0.70	0.95	1800	38.0								
			A1/4	0.70	0.95	1800	38.0								
			A1/5	0.70	0.95	1800	37.8								
			A1/6	0.70	0.95	1800	37.3								
			A1/7	0.70	0.95	1800	37.3								
			A1/8	0.70	0.95	1800	36.6								
			A1/9	0.70	0.95	1800	38.0								
			A1/10	0.70	0.95	1800	38.0								
			A1/11	0.70	0.95	1800	37.8								
			A1/12	0.70	0.95	1800	37.3								
			A1/13	0.70	0.95	1800	37.3								
			A1/14	0.70	0.95	1800	36.6								
		X+	A1/15	0.70	0.95	1800	26.7								
		X-	A1/24	0.70	0.95	1800	26.7								
		Y+	A1/31	0.70	0.95	1800	25.3								
		Y-	A1/37	0.70	0.95	1800	25.3								
5	5		A1/1	0.70	1.01	1800	40.5								
			A1/2	0.70	1.01	1800	40.5								
			A1/3	0.70	1.01	1800	40.2								
			A1/4	0.70	1.01	1800	40.2								
			A1/5	0.70	1.01	1800	40.0								
			A1/6	0.70	1.01	1800	39.4								
			A1/7	0.70	1.01	1800	39.4								
			A1/8	0.70	1.01	1800	38.6								
			A1/9	0.70	1.01	1800	40.2								
			A1/10	0.70	1.01	1800	40.2								
			A1/11	0.70	1.01	1800	40.0								
			A1/12	0.70	1.01	1800	39.4								
			A1/13	0.70	1.01	1800	39.4								
			A1/14	0.70	1.01	1800	38.6								
		X+	A1/15	0.70	1.01	1800	28.3								
		X-	A1/24	0.70	1.01	1800	28.3								
		Y+	A1/31	0.70	1.01	1800	26.7								
		Y-	A1/37	0.70	1.01	1800	26.7								
6	6		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/21	0.70	0.66	1800	18.9								
		X-	A1/30	0.70	0.66	1800	18.9								
		Y+	A1/40	0.70	0.66	1800	18.3								
		Y-	A1/46	0.70	0.66	1800	18.3								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
7	7	A1/1	0.70	0.66	1800	27.1								
		A1/2	0.70	0.66	1800	27.1								
		A1/3	0.70	0.66	1800	26.8								
		A1/4	0.70	0.66	1800	26.8								
		A1/5	0.70	0.66	1800	26.7								
		A1/6	0.70	0.66	1800	26.4								
		A1/7	0.70	0.66	1800	26.4								
		A1/8	0.70	0.66	1800	25.9								
		A1/9	0.70	0.66	1800	26.9								
		A1/10	0.70	0.66	1800	26.9								
		A1/11	0.70	0.66	1800	26.7								
		A1/12	0.70	0.66	1800	26.4								
		A1/13	0.70	0.66	1800	26.4								
		A1/14	0.70	0.66	1800	25.9								
	X+	A1/20	0.70	0.66	1800	18.9								
	X-	A1/27	0.70	0.66	1800	18.9								
	Y+	A1/34	0.70	0.66	1800	18.3								
	Y-	A1/36	0.70	0.66	1800	18.3								
8	8	A1/1	0.70	0.66	1800	27.1								
		A1/2	0.70	0.66	1800	27.1								
		A1/3	0.70	0.66	1800	26.8								
		A1/4	0.70	0.66	1800	26.8								
		A1/5	0.70	0.66	1800	26.7								
		A1/6	0.70	0.66	1800	26.4								
		A1/7	0.70	0.66	1800	26.4								
		A1/8	0.70	0.66	1800	25.9								
		A1/9	0.70	0.66	1800	26.9								
		A1/10	0.70	0.66	1800	26.9								
		A1/11	0.70	0.66	1800	26.7								
		A1/12	0.70	0.66	1800	26.4								
		A1/13	0.70	0.66	1800	26.4								
		A1/14	0.70	0.66	1800	25.9								
	X+	A1/20	0.70	0.66	1800	18.9								
	X-	A1/27	0.70	0.66	1800	18.9								
	Y+	A1/34	0.70	0.66	1800	18.3								
	Y-	A1/36	0.70	0.66	1800	18.3								
9	9	A1/1	0.70	0.66	1800	27.1								
		A1/2	0.70	0.66	1800	27.1								
		A1/3	0.70	0.66	1800	26.8								
		A1/4	0.70	0.66	1800	26.8								
		A1/5	0.70	0.66	1800	26.7								
		A1/6	0.70	0.66	1800	26.4								
		A1/7	0.70	0.66	1800	26.4								
		A1/8	0.70	0.66	1800	25.9								
		A1/9	0.70	0.66	1800	26.9								
		A1/10	0.70	0.66	1800	26.9								
		A1/11	0.70	0.66	1800	26.7								
		A1/12	0.70	0.66	1800	26.4								
		A1/13	0.70	0.66	1800	26.4								
		A1/14	0.70	0.66	1800	25.9								
	X+	A1/20	0.70	0.66	1800	18.9								
	X-	A1/27	0.70	0.66	1800	18.9								
	Y+	A1/34	0.70	0.66	1800	18.3								
	Y-	A1/36	0.70	0.66	1800	18.3								
10	10	A1/1	0.70	0.66	1800	27.1								
		A1/2	0.70	0.66	1800	27.1								
		A1/3	0.70	0.66	1800	26.8								
		A1/4	0.70	0.66	1800	26.8								
		A1/5	0.70	0.66	1800	26.7								
		A1/6	0.70	0.66	1800	26.4								
		A1/7	0.70	0.66	1800	26.4								
		A1/8	0.70	0.66	1800	25.9								
		A1/9	0.70	0.66	1800	26.9								
		A1/10	0.70	0.66	1800	26.9								
		A1/11	0.70	0.66	1800	26.7								
		A1/12	0.70	0.66	1800	26.4								
		A1/13	0.70	0.66	1800	26.4								
		A1/14	0.70	0.66	1800	25.9								
	X+	A1/21	0.70	0.66	1800	18.9								
	X-	A1/30	0.70	0.66	1800	18.9								
	Y+	A1/40	0.70	0.66	1800	18.3								
	Y-	A1/46	0.70	0.66	1800	18.3								
11	11	A1/1	0.70	0.66	1800	27.1								
		A1/2	0.70	0.66	1800	27.1								
		A1/3	0.70	0.66	1800	26.8								
		A1/4	0.70	0.66	1800	26.8								
		A1/5	0.70	0.66	1800	26.7								
		A1/6	0.70	0.66	1800	26.4								
		A1/7	0.70	0.66	1800	26.4								
		A1/8	0.70	0.66	1800	25.9								
		A1/9	0.70	0.66	1800	26.9								
		A1/10	0.70	0.66	1800	26.9								
		A1/11	0.70	0.66	1800	26.7								
		A1/12	0.70	0.66	1800	26.4								
		A1/13	0.70	0.66	1800	26.4								
		A1/14	0.70	0.66	1800	25.9								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO						DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		X+	A1/21	0.70	0.66	1800	18.9								
		X-	A1/30	0.70	0.66	1800	18.9								
		Y+	A1/40	0.70	0.66	1800	18.3								
		Y-	A1/46	0.70	0.66	1800	18.3								
12	12		A1/1	0.70	0.93	1800	37.4								
			A1/2	0.70	0.93	1800	37.4								
			A1/3	0.70	0.93	1800	37.1								
			A1/4	0.70	0.93	1800	37.1								
			A1/5	0.70	0.93	1800	36.9								
			A1/6	0.70	0.93	1800	36.4								
			A1/7	0.70	0.93	1800	36.4								
			A1/8	0.70	0.93	1800	35.7								
			A1/9	0.70	0.93	1800	37.1								
			A1/10	0.70	0.93	1800	37.1								
			A1/11	0.70	0.93	1800	36.9								
			A1/12	0.70	0.93	1800	36.4								
			A1/13	0.70	0.93	1800	36.4								
			A1/14	0.70	0.93	1800	35.7								
		X+	A1/21	0.70	0.93	1800	26.1								
		X-	A1/30	0.70	0.93	1800	26.1								
		Y+	A1/39	0.00	0.00		0.0								
		Y-	A1/46	0.70	0.93	1800	24.8								
13	13		A1/1	0.70	1.01	1800	40.5								
			A1/2	0.70	1.01	1800	40.5								
			A1/3	0.70	1.01	1800	40.2								
			A1/4	0.70	1.01	1800	40.2								
			A1/5	0.70	1.01	1800	40.0								
			A1/6	0.70	1.01	1800	39.4								
			A1/7	0.70	1.01	1800	39.4								
			A1/8	0.70	1.01	1800	38.6								
			A1/9	0.70	1.01	1800	40.2								
			A1/10	0.70	1.01	1800	40.2								
			A1/11	0.70	1.01	1800	40.0								
			A1/12	0.70	1.01	1800	39.4								
			A1/13	0.70	1.01	1800	39.4								
			A1/14	0.70	1.01	1800	38.6								
		X+	A1/20	0.70	1.01	1800	28.3								
		X-	A1/27	0.70	1.01	1800	28.3								
		Y-	A1/36	0.70	1.01	1800	26.7								
14	14		A1/1	0.70	0.95	1800	38.3								
			A1/2	0.70	0.95	1800	38.3								
			A1/3	0.70	0.95	1800	38.0								
			A1/4	0.70	0.95	1800	38.0								
			A1/5	0.70	0.95	1800	37.8								
			A1/6	0.70	0.95	1800	37.3								
			A1/7	0.70	0.95	1800	37.3								
			A1/8	0.70	0.95	1800	36.6								
			A1/9	0.70	0.95	1800	38.0								
			A1/10	0.70	0.95	1800	38.0								
			A1/11	0.70	0.95	1800	37.8								
			A1/12	0.70	0.95	1800	37.3								
			A1/13	0.70	0.95	1800	37.3								
			A1/14	0.70	0.95	1800	36.6								
		X+	A1/20	0.70	0.95	1800	26.7								
		X-	A1/27	0.70	0.95	1800	26.7								
		Y-	A1/36	0.70	0.95	1800	25.3								
15	15		A1/1	0.70	0.90	1800	36.5								
			A1/2	0.70	0.90	1800	36.5								
			A1/3	0.70	0.90	1800	36.2								
			A1/4	0.70	0.90	1800	36.2								
			A1/5	0.70	0.90	1800	36.0								
			A1/6	0.70	0.90	1800	35.5								
			A1/7	0.70	0.90	1800	35.5								
			A1/8	0.70	0.90	1800	34.8								
			A1/9	0.70	0.90	1800	36.2								
			A1/10	0.70	0.90	1800	36.2								
			A1/11	0.70	0.90	1800	36.0								
			A1/12	0.70	0.90	1800	35.5								
			A1/13	0.70	0.90	1800	35.5								
			A1/14	0.70	0.90	1800	34.8								
		X+	A1/20	0.70	0.90	1800	25.4								
		X-	A1/27	0.70	0.90	1800	25.4								
		Y-	A1/36	0.70	0.90	1800	24.2								
16	16		A1/1	0.70	0.90	1800	36.5								
			A1/2	0.70	0.90	1800	36.5								
			A1/3	0.70	0.90	1800	36.2								
			A1/4	0.70	0.90	1800	36.2								
			A1/5	0.70	0.90	1800	36.0								
			A1/6	0.70	0.90	1800	35.5								
			A1/7	0.70	0.90	1800	35.5								
			A1/8	0.70	0.90	1800	34.8								
			A1/9	0.70	0.90	1800	36.2								
			A1/10	0.70	0.90	1800	36.2								
			A1/11	0.70	0.90	1800	36.0								
			A1/12	0.70	0.90	1800	35.5								
			A1/13	0.70	0.90	1800	35.5								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO						DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
			A1/14	0.70	0.90	1800	34.8								
		X+	A1/21	0.70	0.90	1800	25.4								
		X-	A1/30	0.70	0.90	1800	25.4								
		Y+	A1/39	0.00	0.00		0.0								
		Y-	A1/46	0.70	0.90	1800	24.2								
17	22		A1/1	0.70	0.93	1800	37.4								
			A1/2	0.70	0.93	1800	37.4								
			A1/3	0.70	0.93	1800	37.1								
			A1/4	0.70	0.93	1800	37.1								
			A1/5	0.70	0.93	1800	36.9								
			A1/6	0.70	0.93	1800	36.4								
			A1/7	0.70	0.93	1800	36.4								
			A1/8	0.70	0.93	1800	35.7								
			A1/9	0.70	0.93	1800	37.1								
			A1/10	0.70	0.93	1800	37.1								
			A1/11	0.70	0.93	1800	36.9								
			A1/12	0.70	0.93	1800	36.4								
			A1/13	0.70	0.93	1800	36.4								
			A1/14	0.70	0.93	1800	35.7								
		X+	A1/18	0.70	0.93	1800	26.1								
		X-	A1/25	0.70	0.93	1800	26.1								
		Y+	A1/41	0.70	0.93	1800	24.8								
		Y-	A1/43	0.70	0.93	1800	24.8								
18	23		A1/1	0.70	0.93	1800	37.4								
			A1/2	0.70	0.93	1800	37.4								
			A1/3	0.70	0.93	1800	37.1								
			A1/4	0.70	0.93	1800	37.1								
			A1/5	0.70	0.93	1800	36.9								
			A1/6	0.70	0.93	1800	36.4								
			A1/7	0.70	0.93	1800	36.4								
			A1/8	0.70	0.93	1800	35.7								
			A1/9	0.70	0.93	1800	37.1								
			A1/10	0.70	0.93	1800	37.1								
			A1/11	0.70	0.93	1800	36.9								
			A1/12	0.70	0.93	1800	36.4								
			A1/13	0.70	0.93	1800	36.4								
			A1/14	0.70	0.93	1800	35.7								
		X+	A1/18	0.70	0.93	1800	26.1								
		X-	A1/25	0.70	0.93	1800	26.1								
		Y+	A1/41	0.70	0.93	1800	24.8								
		Y-	A1/43	0.70	0.93	1800	24.8								
19	24		A1/1	0.70	0.92	1800	37.4								
			A1/2	0.70	0.92	1800	37.4								
			A1/3	0.70	0.92	1800	37.1								
			A1/4	0.70	0.92	1800	37.1								
			A1/5	0.70	0.92	1800	36.9								
			A1/6	0.70	0.92	1800	36.4								
			A1/7	0.70	0.92	1800	36.4								
			A1/8	0.70	0.92	1800	35.7								
			A1/9	0.70	0.92	1800	37.1								
			A1/10	0.70	0.92	1800	37.1								
			A1/11	0.70	0.92	1800	36.9								
			A1/12	0.70	0.92	1800	36.4								
			A1/13	0.70	0.92	1800	36.4								
			A1/14	0.70	0.92	1800	35.7								
		X+	A1/18	0.70	0.92	1800	26.1								
		X-	A1/25	0.70	0.92	1800	26.1								
		Y+	A1/41	0.70	0.92	1800	24.8								
		Y-	A1/43	0.70	0.92	1800	24.8								
20	25		A1/1	0.70	0.90	1800	36.5								
			A1/2	0.70	0.90	1800	36.5								
			A1/3	0.70	0.90	1800	36.2								
			A1/4	0.70	0.90	1800	36.2								
			A1/5	0.70	0.90	1800	36.0								
			A1/6	0.70	0.90	1800	35.5								
			A1/7	0.70	0.90	1800	35.5								
			A1/8	0.70	0.90	1800	34.8								
			A1/9	0.70	0.90	1800	36.2								
			A1/10	0.70	0.90	1800	36.2								
			A1/11	0.70	0.90	1800	36.0								
			A1/12	0.70	0.90	1800	35.5								
			A1/13	0.70	0.90	1800	35.5								
			A1/14	0.70	0.90	1800	34.8								
		X+	A1/18	0.70	0.90	1800	25.4								
		X-	A1/25	0.70	0.90	1800	25.4								
		Y+	A1/41	0.70	0.90	1800	24.2								
		Y-	A1/43	0.70	0.90	1800	24.2								
21	26		A1/1	0.70	0.90	1800	36.5								
			A1/2	0.70	0.90	1800	36.5								
			A1/3	0.70	0.90	1800	36.2								
			A1/4	0.70	0.90	1800	36.2								
			A1/5	0.70	0.90	1800	36.0								
			A1/6	0.70	0.90	1800	35.5								
			A1/7	0.70	0.90	1800	35.5								
			A1/8	0.70	0.90	1800	34.8								
			A1/9	0.70	0.90	1800	36.2								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		A1/10	0.70	0.90	1800	36.2								
		A1/11	0.70	0.90	1800	36.0								
		A1/12	0.70	0.90	1800	35.5								
		A1/13	0.70	0.90	1800	35.5								
		A1/14	0.70	0.90	1800	34.8								
		X+ A1/18	0.70	0.90	1800	25.4								
		X- A1/25	0.70	0.90	1800	25.4								
		Y+ A1/41	0.70	0.90	1800	24.2								
		Y- A1/43	0.70	0.90	1800	24.2								
22	27	A1/1	0.70	0.90	1800	36.5								
		A1/2	0.70	0.90	1800	36.5								
		A1/3	0.70	0.90	1800	36.2								
		A1/4	0.70	0.90	1800	36.2								
		A1/5	0.70	0.90	1800	36.0								
		A1/6	0.70	0.90	1800	35.5								
		A1/7	0.70	0.90	1800	35.5								
		A1/8	0.70	0.90	1800	34.8								
		A1/9	0.70	0.90	1800	36.2								
		A1/10	0.70	0.90	1800	36.2								
		A1/11	0.70	0.90	1800	36.0								
		A1/12	0.70	0.90	1800	35.5								
		A1/13	0.70	0.90	1800	35.5								
		A1/14	0.70	0.90	1800	34.8								
		X+ A1/18	0.70	0.90	1800	25.4								
		X- A1/25	0.70	0.90	1800	25.4								
		Y+ A1/41	0.70	0.90	1800	24.2								
		Y- A1/43	0.70	0.90	1800	24.2								
23	28	A1/1	0.70	0.90	1800	36.5								
		A1/2	0.70	0.90	1800	36.5								
		A1/3	0.70	0.90	1800	36.2								
		A1/4	0.70	0.90	1800	36.2								
		A1/5	0.70	0.90	1800	36.0								
		A1/6	0.70	0.90	1800	35.5								
		A1/7	0.70	0.90	1800	35.5								
		A1/8	0.70	0.90	1800	34.8								
		A1/9	0.70	0.90	1800	36.2								
		A1/10	0.70	0.90	1800	36.2								
		A1/11	0.70	0.90	1800	36.0								
		A1/12	0.70	0.90	1800	35.5								
		A1/13	0.70	0.90	1800	35.5								
		A1/14	0.70	0.90	1800	34.8								
		X+ A1/15	0.70	0.90	1800	25.4								
		X- A1/24	0.70	0.90	1800	25.4								
		Y+ A1/31	0.70	0.90	1800	24.2								
		Y- A1/37	0.70	0.90	1800	24.2								
24	29	A1/1	0.70	0.90	1800	36.5								
		A1/2	0.70	0.90	1800	36.5								
		A1/3	0.70	0.90	1800	36.2								
		A1/4	0.70	0.90	1800	36.2								
		A1/5	0.70	0.90	1800	36.0								
		A1/6	0.70	0.90	1800	35.5								
		A1/7	0.70	0.90	1800	35.5								
		A1/8	0.70	0.90	1800	34.8								
		A1/9	0.70	0.90	1800	36.2								
		A1/10	0.70	0.90	1800	36.2								
		A1/11	0.70	0.90	1800	36.0								
		A1/12	0.70	0.90	1800	35.5								
		A1/13	0.70	0.90	1800	35.5								
		A1/14	0.70	0.90	1800	34.8								
		X+ A1/15	0.70	0.90	1800	25.4								
		X- A1/24	0.70	0.90	1800	25.4								
		Y+ A1/31	0.70	0.90	1800	24.2								
		Y- A1/37	0.70	0.90	1800	24.2								
25	30	A1/1	0.70	0.90	1800	36.5								
		A1/2	0.70	0.90	1800	36.5								
		A1/3	0.70	0.90	1800	36.2								
		A1/4	0.70	0.90	1800	36.2								
		A1/5	0.70	0.90	1800	36.0								
		A1/6	0.70	0.90	1800	35.5								
		A1/7	0.70	0.90	1800	35.5								
		A1/8	0.70	0.90	1800	34.8								
		A1/9	0.70	0.90	1800	36.2								
		A1/10	0.70	0.90	1800	36.2								
		A1/11	0.70	0.90	1800	36.0								
		A1/12	0.70	0.90	1800	35.5								
		A1/13	0.70	0.90	1800	35.5								
		A1/14	0.70	0.90	1800	34.8								
		X+ A1/15	0.70	0.90	1800	25.4								
		X- A1/24	0.70	0.90	1800	25.4								
		Y+ A1/31	0.70	0.90	1800	24.2								
		Y- A1/37	0.70	0.90	1800	24.2								
26	31	A1/1	0.70	0.95	1800	38.3								
		A1/2	0.70	0.95	1800	38.3								
		A1/3	0.70	0.95	1800	38.0								
		A1/4	0.70	0.95	1800	38.0								
		A1/5	0.70	0.95	1800	37.8								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		A1/6	0.70	0.95	1800	37.3								
		A1/7	0.70	0.95	1800	37.3								
		A1/8	0.70	0.95	1800	36.6								
		A1/9	0.70	0.95	1800	38.0								
		A1/10	0.70	0.95	1800	38.0								
		A1/11	0.70	0.95	1800	37.8								
		A1/12	0.70	0.95	1800	37.3								
		A1/13	0.70	0.95	1800	37.3								
		A1/14	0.70	0.95	1800	36.6								
	X+	A1/15	0.70	0.95	1800	26.7								
	X-	A1/24	0.70	0.95	1800	26.7								
	Y+	A1/31	0.70	0.95	1800	25.3								
	Y-	A1/37	0.70	0.95	1800	25.3								
27	32	A1/1	0.70	1.01	1800	40.5								
		A1/2	0.70	1.01	1800	40.5								
		A1/3	0.70	1.01	1800	40.2								
		A1/4	0.70	1.01	1800	40.2								
		A1/5	0.70	1.01	1800	40.0								
		A1/6	0.70	1.01	1800	39.4								
		A1/7	0.70	1.01	1800	39.4								
		A1/8	0.70	1.01	1800	38.6								
		A1/9	0.70	1.01	1800	40.2								
		A1/10	0.70	1.01	1800	40.2								
		A1/11	0.70	1.01	1800	40.0								
		A1/12	0.70	1.01	1800	39.4								
		A1/13	0.70	1.01	1800	39.4								
		A1/14	0.70	1.01	1800	38.6								
	X+	A1/15	0.70	1.01	1800	28.3								
	X-	A1/24	0.70	1.01	1800	28.3								
	Y+	A1/31	0.70	1.01	1800	26.7								
	Y-	A1/37	0.70	1.01	1800	26.7								
28	33	A1/1	0.70	0.66	1800	27.1								
		A1/2	0.70	0.66	1800	27.1								
		A1/3	0.70	0.66	1800	26.8								
		A1/4	0.70	0.66	1800	26.8								
		A1/5	0.70	0.66	1800	26.7								
		A1/6	0.70	0.66	1800	26.4								
		A1/7	0.70	0.66	1800	26.4								
		A1/8	0.70	0.66	1800	25.9								
		A1/9	0.70	0.66	1800	26.9								
		A1/10	0.70	0.66	1800	26.9								
		A1/11	0.70	0.66	1800	26.7								
		A1/12	0.70	0.66	1800	26.4								
		A1/13	0.70	0.66	1800	26.4								
		A1/14	0.70	0.66	1800	25.9								
	X+	A1/21	0.70	0.66	1800	18.9								
	X-	A1/30	0.70	0.66	1800	18.9								
	Y+	A1/40	0.70	0.66	1800	18.3								
	Y-	A1/46	0.70	0.66	1800	18.3								
29	34	A1/1	0.70	0.66	1800	27.1								
		A1/2	0.70	0.66	1800	27.1								
		A1/3	0.70	0.66	1800	26.8								
		A1/4	0.70	0.66	1800	26.8								
		A1/5	0.70	0.66	1800	26.7								
		A1/6	0.70	0.66	1800	26.4								
		A1/7	0.70	0.66	1800	26.4								
		A1/8	0.70	0.66	1800	25.9								
		A1/9	0.70	0.66	1800	26.9								
		A1/10	0.70	0.66	1800	26.9								
		A1/11	0.70	0.66	1800	26.7								
		A1/12	0.70	0.66	1800	26.4								
		A1/13	0.70	0.66	1800	26.4								
		A1/14	0.70	0.66	1800	25.9								
	X+	A1/18	0.70	0.66	1800	18.9								
	X-	A1/25	0.70	0.66	1800	18.9								
	Y+	A1/41	0.70	0.66	1800	18.3								
	Y-	A1/43	0.70	0.66	1800	18.3								
30	35	A1/1	0.70	0.66	1800	27.1								
		A1/2	0.70	0.66	1800	27.1								
		A1/3	0.70	0.66	1800	26.8								
		A1/4	0.70	0.66	1800	26.8								
		A1/5	0.70	0.66	1800	26.7								
		A1/6	0.70	0.66	1800	26.4								
		A1/7	0.70	0.66	1800	26.4								
		A1/8	0.70	0.66	1800	25.9								
		A1/9	0.70	0.66	1800	26.9								
		A1/10	0.70	0.66	1800	26.9								
		A1/11	0.70	0.66	1800	26.7								
		A1/12	0.70	0.66	1800	26.4								
		A1/13	0.70	0.66	1800	26.4								
		A1/14	0.70	0.66	1800	25.9								
	X+	A1/18	0.70	0.66	1800	18.9								
	X-	A1/25	0.70	0.66	1800	18.9								
	Y+	A1/41	0.70	0.66	1800	18.3								
	Y-	A1/43	0.70	0.66	1800	18.3								
31	36	A1/1	0.70	0.66	1800	27.1								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO						DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/20	0.70	0.66	1800	18.9								
		X-	A1/27	0.70	0.66	1800	18.9								
		Y+	A1/34	0.70	0.66	1800	18.3								
		Y-	A1/36	0.70	0.66	1800	18.3								
32	37		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/15	0.70	0.66	1800	18.9								
		X-	A1/24	0.70	0.66	1800	18.9								
		Y+	A1/31	0.70	0.66	1800	18.3								
		Y-	A1/37	0.70	0.66	1800	18.3								
33	38		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/15	0.70	0.66	1800	18.9								
		X-	A1/24	0.70	0.66	1800	18.9								
		Y+	A1/31	0.70	0.66	1800	18.3								
		Y-	A1/37	0.70	0.66	1800	18.3								
34	39		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/20	0.70	0.66	1800	18.9								
		X-	A1/27	0.70	0.66	1800	18.9								
		Y+	A1/34	0.70	0.66	1800	18.3								
		Y-	A1/36	0.70	0.66	1800	18.3								
35	40		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/15	0.70	0.66	1800	18.9								
		X-	A1/24	0.70	0.66	1800	18.9								
		Y+	A1/31	0.70	0.66	1800	18.3								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO						DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		Y-	A1/37	0.70	0.66	1800	18.3								
36	41		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/15	0.70	0.66	1800	18.9								
		X-	A1/24	0.70	0.66	1800	18.9								
		Y+	A1/31	0.70	0.66	1800	18.3								
		Y-	A1/37	0.70	0.66	1800	18.3								
37	42		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/20	0.70	0.66	1800	18.9								
		X-	A1/27	0.70	0.66	1800	18.9								
		Y+	A1/34	0.70	0.66	1800	18.3								
		Y-	A1/36	0.70	0.66	1800	18.3								
38	43		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/15	0.70	0.66	1800	18.9								
		X-	A1/24	0.70	0.66	1800	18.9								
		Y+	A1/31	0.70	0.66	1800	18.3								
		Y-	A1/37	0.70	0.66	1800	18.3								
39	44		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/15	0.70	0.66	1800	18.9								
		X-	A1/24	0.70	0.66	1800	18.9								
		Y+	A1/31	0.70	0.66	1800	18.3								
		Y-	A1/37	0.70	0.66	1800	18.3								
40	45		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO						DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/21	0.70	0.66	1800	18.9								
		X-	A1/30	0.70	0.66	1800	18.9								
		Y+	A1/40	0.70	0.66	1800	18.3								
		Y-	A1/46	0.70	0.66	1800	18.3								
41	46		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/18	0.70	0.66	1800	18.9								
		X-	A1/25	0.70	0.66	1800	18.9								
		Y+	A1/41	0.70	0.66	1800	18.3								
		Y-	A1/43	0.70	0.66	1800	18.3								
42	47		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/18	0.70	0.66	1800	18.9								
		X-	A1/25	0.70	0.66	1800	18.9								
		Y+	A1/41	0.70	0.66	1800	18.3								
		Y-	A1/43	0.70	0.66	1800	18.3								
43	48		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/21	0.70	0.66	1800	18.9								
		X-	A1/30	0.70	0.66	1800	18.9								
		Y+	A1/40	0.70	0.66	1800	18.3								
		Y-	A1/46	0.70	0.66	1800	18.3								
44	49		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								
			A1/10	0.70	0.66	1800	26.9								
			A1/11	0.70	0.66	1800	26.7								
			A1/12	0.70	0.66	1800	26.4								
			A1/13	0.70	0.66	1800	26.4								
			A1/14	0.70	0.66	1800	25.9								
		X+	A1/18	0.70	0.66	1800	18.9								
		X-	A1/25	0.70	0.66	1800	18.9								
		Y+	A1/41	0.70	0.66	1800	18.3								
		Y-	A1/43	0.70	0.66	1800	18.3								
45	50		A1/1	0.70	0.66	1800	27.1								
			A1/2	0.70	0.66	1800	27.1								
			A1/3	0.70	0.66	1800	26.8								
			A1/4	0.70	0.66	1800	26.8								
			A1/5	0.70	0.66	1800	26.7								
			A1/6	0.70	0.66	1800	26.4								
			A1/7	0.70	0.66	1800	26.4								
			A1/8	0.70	0.66	1800	25.9								
			A1/9	0.70	0.66	1800	26.9								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		A1/10	0.70	0.66	1800	26.9								
		A1/11	0.70	0.66	1800	26.7								
		A1/12	0.70	0.66	1800	26.4								
		A1/13	0.70	0.66	1800	26.4								
		A1/14	0.70	0.66	1800	25.9								
		X+ A1/18	0.70	0.66	1800	18.9								
		X- A1/25	0.70	0.66	1800	18.9								
		Y+ A1/41	0.70	0.66	1800	18.3								
		Y- A1/43	0.70	0.66	1800	18.3								
46	51	A1/1	0.70	0.93	1800	37.4								
		A1/2	0.70	0.93	1800	37.4								
		A1/3	0.70	0.93	1800	37.1								
		A1/4	0.70	0.93	1800	37.1								
		A1/5	0.70	0.93	1800	36.9								
		A1/6	0.70	0.93	1800	36.4								
		A1/7	0.70	0.93	1800	36.4								
		A1/8	0.70	0.93	1800	35.7								
		A1/9	0.70	0.93	1800	37.1								
		A1/10	0.70	0.93	1800	37.1								
		A1/11	0.70	0.93	1800	36.9								
		A1/12	0.70	0.93	1800	36.4								
		A1/13	0.70	0.93	1800	36.4								
		A1/14	0.70	0.93	1800	35.7								
		X+ A1/21	0.70	0.93	1800	26.1								
		X- A1/30	0.70	0.93	1800	26.1								
		Y+ A1/39	0.00	0.00		0.0								
		Y- A1/46	0.70	0.93	1800	24.8								
47	52	A1/1	0.70	0.93	1800	37.4								
		A1/2	0.70	0.93	1800	37.4								
		A1/3	0.70	0.93	1800	37.1								
		A1/4	0.70	0.93	1800	37.1								
		A1/5	0.70	0.93	1800	36.9								
		A1/6	0.70	0.93	1800	36.4								
		A1/7	0.70	0.93	1800	36.4								
		A1/8	0.70	0.93	1800	35.7								
		A1/9	0.70	0.93	1800	37.1								
		A1/10	0.70	0.93	1800	37.1								
		A1/11	0.70	0.93	1800	36.9								
		A1/12	0.70	0.93	1800	36.4								
		A1/13	0.70	0.93	1800	36.4								
		A1/14	0.70	0.93	1800	35.7								
		X+ A1/21	0.70	0.93	1800	26.1								
		X- A1/30	0.70	0.93	1800	26.1								
		Y+ A1/39	0.00	0.00		0.0								
		Y- A1/46	0.70	0.93	1800	24.8								
48	53	A1/1	0.70	0.92	1800	37.4								
		A1/2	0.70	0.92	1800	37.4								
		A1/3	0.70	0.92	1800	37.1								
		A1/4	0.70	0.92	1800	37.1								
		A1/5	0.70	0.92	1800	36.9								
		A1/6	0.70	0.92	1800	36.4								
		A1/7	0.70	0.92	1800	36.4								
		A1/8	0.70	0.92	1800	35.7								
		A1/9	0.70	0.92	1800	37.1								
		A1/10	0.70	0.92	1800	37.1								
		A1/11	0.70	0.92	1800	36.9								
		A1/12	0.70	0.92	1800	36.4								
		A1/13	0.70	0.92	1800	36.4								
		A1/14	0.70	0.92	1800	35.7								
		X+ A1/21	0.70	0.92	1800	26.1								
		X- A1/30	0.70	0.92	1800	26.1								
		Y+ A1/39	0.00	0.00		0.0								
		Y- A1/46	0.70	0.92	1800	24.8								
49	54	A1/1	0.70	1.01	1800	40.5								
		A1/2	0.70	1.01	1800	40.5								
		A1/3	0.70	1.01	1800	40.2								
		A1/4	0.70	1.01	1800	40.2								
		A1/5	0.70	1.01	1800	40.0								
		A1/6	0.70	1.01	1800	39.4								
		A1/7	0.70	1.01	1800	39.4								
		A1/8	0.70	1.01	1800	38.6								
		A1/9	0.70	1.01	1800	40.2								
		A1/10	0.70	1.01	1800	40.2								
		A1/11	0.70	1.01	1800	40.0								
		A1/12	0.70	1.01	1800	39.4								
		A1/13	0.70	1.01	1800	39.4								
		A1/14	0.70	1.01	1800	38.6								
		X+ A1/20	0.70	1.01	1800	28.3								
		X- A1/27	0.70	1.01	1800	28.3								
		Y- A1/36	0.70	1.01	1800	26.7								
50	55	A1/1	0.70	0.95	1800	38.3								
		A1/2	0.70	0.95	1800	38.3								
		A1/3	0.70	0.95	1800	38.0								
		A1/4	0.70	0.95	1800	38.0								
		A1/5	0.70	0.95	1800	37.8								
		A1/6	0.70	0.95	1800	37.3								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		A1/7	0.70	0.95	1800	37.3								
		A1/8	0.70	0.95	1800	36.6								
		A1/9	0.70	0.95	1800	38.0								
		A1/10	0.70	0.95	1800	38.0								
		A1/11	0.70	0.95	1800	37.8								
		A1/12	0.70	0.95	1800	37.3								
		A1/13	0.70	0.95	1800	37.3								
		A1/14	0.70	0.95	1800	36.6								
	X+	A1/20	0.70	0.95	1800	26.7								
	X-	A1/27	0.70	0.95	1800	26.7								
	Y-	A1/36	0.70	0.95	1800	25.3								
51	56	A1/1	0.70	0.90	1800	36.5								
		A1/2	0.70	0.90	1800	36.5								
		A1/3	0.70	0.90	1800	36.2								
		A1/4	0.70	0.90	1800	36.2								
		A1/5	0.70	0.90	1800	36.0								
		A1/6	0.70	0.90	1800	35.5								
		A1/7	0.70	0.90	1800	35.5								
		A1/8	0.70	0.90	1800	34.8								
		A1/9	0.70	0.90	1800	36.2								
		A1/10	0.70	0.90	1800	36.2								
		A1/11	0.70	0.90	1800	36.0								
		A1/12	0.70	0.90	1800	35.5								
		A1/13	0.70	0.90	1800	35.5								
		A1/14	0.70	0.90	1800	34.8								
	X+	A1/20	0.70	0.90	1800	25.4								
	X-	A1/27	0.70	0.90	1800	25.4								
	Y-	A1/36	0.70	0.90	1800	24.2								
52	57	A1/1	0.70	0.90	1800	36.5								
		A1/2	0.70	0.90	1800	36.5								
		A1/3	0.70	0.90	1800	36.2								
		A1/4	0.70	0.90	1800	36.2								
		A1/5	0.70	0.90	1800	36.0								
		A1/6	0.70	0.90	1800	35.5								
		A1/7	0.70	0.90	1800	35.5								
		A1/8	0.70	0.90	1800	34.8								
		A1/9	0.70	0.90	1800	36.2								
		A1/10	0.70	0.90	1800	36.2								
		A1/11	0.70	0.90	1800	36.0								
		A1/12	0.70	0.90	1800	35.5								
		A1/13	0.70	0.90	1800	35.5								
		A1/14	0.70	0.90	1800	34.8								
	X+	A1/20	0.70	0.90	1800	25.4								
	X-	A1/27	0.70	0.90	1800	25.4								
	Y-	A1/36	0.70	0.90	1800	24.2								
53	58	A1/1	0.70	0.90	1800	36.5								
		A1/2	0.70	0.90	1800	36.5								
		A1/3	0.70	0.90	1800	36.2								
		A1/4	0.70	0.90	1800	36.2								
		A1/5	0.70	0.90	1800	36.0								
		A1/6	0.70	0.90	1800	35.5								
		A1/7	0.70	0.90	1800	35.5								
		A1/8	0.70	0.90	1800	34.8								
		A1/9	0.70	0.90	1800	36.2								
		A1/10	0.70	0.90	1800	36.2								
		A1/11	0.70	0.90	1800	36.0								
		A1/12	0.70	0.90	1800	35.5								
		A1/13	0.70	0.90	1800	35.5								
		A1/14	0.70	0.90	1800	34.8								
	X+	A1/20	0.70	0.90	1800	25.4								
	X-	A1/27	0.70	0.90	1800	25.4								
	Y-	A1/36	0.70	0.90	1800	24.2								
54	59	A1/1	0.70	0.90	1800	36.5								
		A1/2	0.70	0.90	1800	36.5								
		A1/3	0.70	0.90	1800	36.2								
		A1/4	0.70	0.90	1800	36.2								
		A1/5	0.70	0.90	1800	36.0								
		A1/6	0.70	0.90	1800	35.5								
		A1/7	0.70	0.90	1800	35.5								
		A1/8	0.70	0.90	1800	34.8								
		A1/9	0.70	0.90	1800	36.2								
		A1/10	0.70	0.90	1800	36.2								
		A1/11	0.70	0.90	1800	36.0								
		A1/12	0.70	0.90	1800	35.5								
		A1/13	0.70	0.90	1800	35.5								
		A1/14	0.70	0.90	1800	34.8								
	X+	A1/21	0.70	0.90	1800	25.4								
	X-	A1/30	0.70	0.90	1800	25.4								
	Y+	A1/39	0.00	0.00		0.0								
	Y-	A1/46	0.70	0.90	1800	24.2								
55	60	A1/1	0.70	0.90	1800	36.5								
		A1/2	0.70	0.90	1800	36.5								
		A1/3	0.70	0.90	1800	36.2								
		A1/4	0.70	0.90	1800	36.2								
		A1/5	0.70	0.90	1800	36.0								
		A1/6	0.70	0.90	1800	35.5								

CARICO LIMITE TRAVI WINKLER - S.L.U.

IDENTIIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		A1/7	0.70	0.90	1800	35.5								
		A1/8	0.70	0.90	1800	34.8								
		A1/9	0.70	0.90	1800	36.2								
		A1/10	0.70	0.90	1800	36.2								
		A1/11	0.70	0.90	1800	36.0								
		A1/12	0.70	0.90	1800	35.5								
		A1/13	0.70	0.90	1800	35.5								
		A1/14	0.70	0.90	1800	34.8								
	X+	A1/21	0.70	0.90	1800	25.4								
	X-	A1/30	0.70	0.90	1800	25.4								
	Y-	A1/46	0.70	0.90	1800	24.2								
56	61	A1/1	0.70	0.90	1800	36.5								
		A1/2	0.70	0.90	1800	36.5								
		A1/3	0.70	0.90	1800	36.2								
		A1/4	0.70	0.90	1800	36.2								
		A1/5	0.70	0.90	1800	36.0								
		A1/6	0.70	0.90	1800	35.5								
		A1/7	0.70	0.90	1800	35.5								
		A1/8	0.70	0.90	1800	34.8								
		A1/9	0.70	0.90	1800	36.2								
		A1/10	0.70	0.90	1800	36.2								
		A1/11	0.70	0.90	1800	36.0								
		A1/12	0.70	0.90	1800	35.5								
		A1/13	0.70	0.90	1800	35.5								
		A1/14	0.70	0.90	1800	34.8								
	X+	A1/21	0.70	0.90	1800	25.4								
	X-	A1/30	0.70	0.90	1800	25.4								
	Y-	A1/46	0.70	0.90	1800	24.2								

PARAMETRI GEOTECNICI TRAVI WINKLER - S.L.D.

IDENTIFICATIVO				CONDIZIONE DRENATA							NON DRENATA	
Trave N.ro	Infiss m	Tipo Tabel	Gamma kg/mc	Fi' Grd	C' kg/cmq	Mod.El kg/cmq	Poisson	P base kg/cmq	Indice Rigid.	IndRig Crit.	Cu kg/cmq	P base kg/cmq
1	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
2	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
3	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
4	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	290.80		
5	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	303.35		
6	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
7	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
8	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
9	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
10	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
11	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
12	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
13	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	303.35		
14	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	290.80		
15	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
16	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
17	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
18	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
19	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
20	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
21	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
22	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
23	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
24	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
25	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
26	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	290.80		

PARAMETRI GEOTECNICI TRAVI WINKLER - S.L.D.

IDENTIFICATIVO				CONDIZIONE DRENATA							NON DRENATA	
Trave N.ro	Infiss m	Tipo Tabel	Gamma kg/mc	Fi' Grd	C' kg/cmq	Mod.El kg/cmq	Poisson	P base kg/cmq	Indice Rigid.	IndRig Crit.	Cu kg/cmq	P base kg/cmq
27	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	303.35		
28	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
29	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
30	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
31	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
32	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
33	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
34	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
35	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
36	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
37	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
38	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
39	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
40	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
41	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
42	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
43	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
44	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
45	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1028.29	237.55		
46	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
47	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
48	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	285.27		
49	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	303.35		
50	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	290.80		
51	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
52	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
53	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
54	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
55	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		
56	0.40	M1	1800	40.00	0.00	318.00	0.40	0.07	1002.59	279.54		

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
1	75.31	64.20	109.41	1.00	1.00	1.00	1.00	SLD/1		1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/2		1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/3		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/4		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/5		1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/6		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/7		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/8		1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/9		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/10		1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/11		1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/12		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/13		1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								SLD/14		1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	SLD/18	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	SLD/25	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
2	75.31	64.20	109.41	1.00	1.00	1.00	1.00	SLD/1		1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/18	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/25	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
3	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/15	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/24	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
4	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X+	SLD/15	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X-	SLD/24	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
5	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X+	SLD/15	1.00	0.84	0.84	0.75	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X-	SLD/24	1.00	0.84	0.84	0.75	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
6	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/21	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/30	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
7	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/20	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/27	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
8	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/20	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/27	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
9	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/20	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/27	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
10	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/21	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/30	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
11	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/21	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/30	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
								Y+	SLD/40	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
12	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	SLD/21	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	SLD/30	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
13	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X+	SLD/20	1.00	0.84	0.84	0.75	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X-	SLD/27	1.00	0.84	0.84	0.75	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
14	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X+	SLD/20	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X-	SLD/27	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
15	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/20	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/27	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
16	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
								X+	SLD/21	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/30	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
17	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	SLD/18	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	SLD/25	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
18	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	SLD/18	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	SLD/25	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
19	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	SLD/18	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	SLD/25	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
20	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/18	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/25	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
21	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/18	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/25	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
22	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/18	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/25	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
23	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/15	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/24	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
24	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/15	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/24	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
25	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/15	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/24	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
26	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg		N.ro	Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X+	SLD/15	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X-	SLD/24	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
27	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X+	SLD/15	1.00	0.84	0.84	0.75	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X-	SLD/24	1.00	0.84	0.84	0.75	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
28	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/21	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/30	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
29	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/18	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/25	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
30	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/18	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/25	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
31	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/20	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/27	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
32	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/15	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/24	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
33	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/15	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/24	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
34	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/20	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/27	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
35	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/15	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/24	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
36	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/15	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/24	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
37	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/20	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/27	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
38	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/15	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/24	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
39	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/15	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/24	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/31	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/37	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
40	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/21	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/30	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
41	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/18	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/25	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
42	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/18	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/25	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
43	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/21	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/30	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
44	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/18	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/25	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
45	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.97	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X+	SLD/18	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								X-	SLD/25	1.00	0.83	0.84	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y+	SLD/41	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
								Y-	SLD/43	1.00	0.83	0.83	0.74	1.13	1.13	1.00	1.81	1.79	0.62	1.00	1.00	1.00
46	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	SLD/21	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	SLD/30	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
47	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	SLD/21	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	SLD/30	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
48	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X+	SLD/21	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								X-	SLD/30	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.65	1.63	0.70	1.00	1.00	1.00
49	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X+	SLD/20	1.00	0.84	0.84	0.75	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								X-	SLD/27	1.00	0.84	0.84	0.75	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.59	1.58	0.72	1.00	1.00	1.00
50	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X+	SLD/20	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								X-	SLD/27	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.82	0.83	0.73	1.12	1.12	1.00	1.63	1.62	0.71	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg	N.ro		Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
51	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/20	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/27	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
52	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/20	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/27	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
53	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/20	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/27	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/34	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/36	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
54	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/21	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/30	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
55	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/21	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/30	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00

COEFFICIENTI DI PORTANZA TRAVI WINKLER - CONDIZIONI DRENATE - S.L.D.

Trave	Brinch Hansen			IclTe	Incl.PianoPosa			Comb		Igk	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
Nro	Nc	Nq	Ng	Gc=Gq	Bc	Bq	Bg		N.ro	Sism	IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
								Y-	SLD/46	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
56	75.31	64.20	109.41	1.00	1.00	1.00	1.00		SLD/1	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/2	1.00	1.00	1.00	1.00	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/3	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/4	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/5	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/6	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/7	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/8	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/9	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/10	1.00	0.99	0.99	0.99	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/11	1.00	0.99	0.99	0.98	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/12	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/13	1.00	0.98	0.98	0.96	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
									SLD/14	1.00	0.96	0.96	0.94	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X+	SLD/21	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								X-	SLD/30	1.00	0.84	0.84	0.74	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y+	SLD/40	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00
								Y-	SLD/46	1.00	0.83	0.83	0.73	1.12	1.12	1.00	1.66	1.65	0.69	1.00	1.00	1.00

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO							DRENATE		NON DRENATE		RISULTATI					
Trave	Asta3d	Comb		Bx'	By'		GamEf	QLimV	GamEf	QLimV	N	Coeff.	Minimo	N/Ar	QLim/Ar	Status
N.ro	N.ro	N.ro		m	m		kg/mc	(t)	kg/mc	(t)	(t)	Sicur.	CoeSic	kg/cmq	kg/cmq	Verifica
1	1		SLD/1	0.70	0.93		1800	37.4								
			SLD/2	0.70	0.93		1800	37.4								
			SLD/3	0.70	0.93		1800	37.1								
			SLD/4	0.70	0.93		1800	37.1								
			SLD/5	0.70	0.93		1800	36.9								
			SLD/6	0.70	0.93		1800	36.4								
			SLD/7	0.70	0.93		1800	36.4								
			SLD/8	0.70	0.93		1800	35.7								
			SLD/9	0.70	0.93		1800	37.1								
			SLD/10	0.70	0.93		1800	37.1								
			SLD/11	0.70	0.93		1800	36.9								
			SLD/12	0.70	0.93		1800	36.4								
			SLD/13	0.70	0.93		1800	36.4								
			SLD/14	0.70	0.93		1800	35.7								
		X+	SLD/18	0.70	0.93		1800	30.1								
		X-	SLD/25	0.70	0.93		1800	30.1								
		Y+	SLD/41	0.70	0.93		1800	29.7								
		Y-	SLD/43	0.70	0.93		1800	29.7								
2	2		SLD/1	0.70	0.90		1800	36.5								
			SLD/2	0.70	0.90		1800	36.5								
			SLD/3	0.70	0.90		1800	36.2								
			SLD/4	0.70	0.90		1800	36.2								
			SLD/5	0.70	0.90		1800	36.0								
			SLD/6	0.70	0.90		1800	35.5								
			SLD/7	0.70	0.90		1800	35.5								
			SLD/8	0.70	0.90		1800	34.8								
			SLD/9	0.70	0.90		1800	36.2								
			SLD/10	0.70	0.90		1800	36.2								
			SLD/11	0.70	0.90		1800	36.0								
			SLD/12	0.70	0.90		1800	35.5								
			SLD/13	0.70	0.90		1800	35.5								
			SLD/14	0.70	0.90		1800	34.8								
		X+	SLD/18	0.70	0.90		1800	29.4								
		X-	SLD/25	0.70	0.90		1800	29.4								
		Y+	SLD/41	0.70	0.90		1800	29.0								
		Y-	SLD/43	0.70	0.90		1800	29.0								
3	3		SLD/1	0.70	0.90		1800	36.5								
			SLD/2	0.70	0.90		1800	36.5								
			SLD/3	0.70	0.90		1800	36.2								
			SLD/4	0.70	0.90		1800	36.2								
			SLD/5	0.70	0.90		1800	36.0								
			SLD/6	0.70	0.90		1800	35.5								
			SLD/7	0.70	0.90		1800	35.5								
			SLD/8	0.70	0.90		1800	34.8								
			SLD/9	0.70	0.90		1800	36.2								
			SLD/10	0.70	0.90		1800	36.2								
			SLD/11	0.70	0.90		1800	36.0								
			SLD/12	0.70	0.90		1800	35.5								
			SLD/13	0.70	0.90		1800	35.5								
			SLD/14	0.70	0.90		1800	34.8								
		X+	SLD/15	0.70	0.90		1800	29.4								
		X-	SLD/24	0.70	0.90		1800	29.4								
		Y+	SLD/31	0.70	0.90		1800	29.0								
		Y-	SLD/37	0.70	0.90		1800	29.0								
4	4		SLD/1	0.70	0.95		1800	38.3								
			SLD/2	0.70	0.95		1800	38.3								
			SLD/3	0.70	0.95		1800	38.0								
			SLD/4	0.70	0.95		1800	38.0								
			SLD/5	0.70	0.95		1800	37.8								
			SLD/6	0.70	0.95		1800	37.3								
			SLD/7	0.70	0.95		1800	37.3								
			SLD/8	0.70	0.95		1800	36.6								
			SLD/9	0.70	0.95		1800	38.0								

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		SLD/10	0.70	0.95	1800	38.0								
		SLD/11	0.70	0.95	1800	37.8								
		SLD/12	0.70	0.95	1800	37.3								
		SLD/13	0.70	0.95	1800	37.3								
		SLD/14	0.70	0.95	1800	36.6								
		X+ SLD/15	0.70	0.95	1800	30.9								
		X- SLD/24	0.70	0.95	1800	30.9								
		Y+ SLD/31	0.70	0.95	1800	30.4								
		Y- SLD/37	0.70	0.95	1800	30.4								
5	5	SLD/1	0.70	1.01	1800	40.5								
		SLD/2	0.70	1.01	1800	40.5								
		SLD/3	0.70	1.01	1800	40.2								
		SLD/4	0.70	1.01	1800	40.2								
		SLD/5	0.70	1.01	1800	40.0								
		SLD/6	0.70	1.01	1800	39.4								
		SLD/7	0.70	1.01	1800	39.4								
		SLD/8	0.70	1.01	1800	38.6								
		SLD/9	0.70	1.01	1800	40.2								
		SLD/10	0.70	1.01	1800	40.2								
		SLD/11	0.70	1.01	1800	40.0								
		SLD/12	0.70	1.01	1800	39.4								
		SLD/13	0.70	1.01	1800	39.4								
		SLD/14	0.70	1.01	1800	38.6								
		X+ SLD/15	0.70	1.01	1800	32.6								
		X- SLD/24	0.70	1.01	1800	32.6								
		Y+ SLD/31	0.70	1.01	1800	32.1								
		Y- SLD/37	0.70	1.01	1800	32.1								
6	6	SLD/1	0.70	0.66	1800	27.1								
		SLD/2	0.70	0.66	1800	27.1								
		SLD/3	0.70	0.66	1800	26.8								
		SLD/4	0.70	0.66	1800	26.8								
		SLD/5	0.70	0.66	1800	26.7								
		SLD/6	0.70	0.66	1800	26.4								
		SLD/7	0.70	0.66	1800	26.4								
		SLD/8	0.70	0.66	1800	25.9								
		SLD/9	0.70	0.66	1800	26.9								
		SLD/10	0.70	0.66	1800	26.9								
		SLD/11	0.70	0.66	1800	26.7								
		SLD/12	0.70	0.66	1800	26.4								
		SLD/13	0.70	0.66	1800	26.4								
		SLD/14	0.70	0.66	1800	25.9								
		X+ SLD/21	0.70	0.66	1800	21.8								
		X- SLD/30	0.70	0.66	1800	21.8								
		Y+ SLD/40	0.70	0.66	1800	21.8								
		Y- SLD/46	0.70	0.66	1800	21.8								
7	7	SLD/1	0.70	0.66	1800	27.1								
		SLD/2	0.70	0.66	1800	27.1								
		SLD/3	0.70	0.66	1800	26.8								
		SLD/4	0.70	0.66	1800	26.8								
		SLD/5	0.70	0.66	1800	26.7								
		SLD/6	0.70	0.66	1800	26.4								
		SLD/7	0.70	0.66	1800	26.4								
		SLD/8	0.70	0.66	1800	25.9								
		SLD/9	0.70	0.66	1800	26.9								
		SLD/10	0.70	0.66	1800	26.9								
		SLD/11	0.70	0.66	1800	26.7								
		SLD/12	0.70	0.66	1800	26.4								
		SLD/13	0.70	0.66	1800	26.4								
		SLD/14	0.70	0.66	1800	25.9								
		X+ SLD/20	0.70	0.66	1800	21.8								
		X- SLD/27	0.70	0.66	1800	21.8								
		Y+ SLD/34	0.70	0.66	1800	21.8								
		Y- SLD/36	0.70	0.66	1800	21.8								
8	8	SLD/1	0.70	0.66	1800	27.1								
		SLD/2	0.70	0.66	1800	27.1								
		SLD/3	0.70	0.66	1800	26.8								
		SLD/4	0.70	0.66	1800	26.8								
		SLD/5	0.70	0.66	1800	26.7								
		SLD/6	0.70	0.66	1800	26.4								
		SLD/7	0.70	0.66	1800	26.4								
		SLD/8	0.70	0.66	1800	25.9								
		SLD/9	0.70	0.66	1800	26.9								
		SLD/10	0.70	0.66	1800	26.9								
		SLD/11	0.70	0.66	1800	26.7								
		SLD/12	0.70	0.66	1800	26.4								
		SLD/13	0.70	0.66	1800	26.4								
		SLD/14	0.70	0.66	1800	25.9								
		X+ SLD/20	0.70	0.66	1800	21.8								
		X- SLD/27	0.70	0.66	1800	21.8								
		Y+ SLD/34	0.70	0.66	1800	21.8								
		Y- SLD/36	0.70	0.66	1800	21.8								
9	9	SLD/1	0.70	0.66	1800	27.1								
		SLD/2	0.70	0.66	1800	27.1								
		SLD/3	0.70	0.66	1800	26.8								
		SLD/4	0.70	0.66	1800	26.8								
		SLD/5	0.70	0.66	1800	26.7								

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		SLD/6	0.70	0.66	1800	26.4								
		SLD/7	0.70	0.66	1800	26.4								
		SLD/8	0.70	0.66	1800	25.9								
		SLD/9	0.70	0.66	1800	26.9								
		SLD/10	0.70	0.66	1800	26.9								
		SLD/11	0.70	0.66	1800	26.7								
		SLD/12	0.70	0.66	1800	26.4								
		SLD/13	0.70	0.66	1800	26.4								
		SLD/14	0.70	0.66	1800	25.9								
	X+	SLD/20	0.70	0.66	1800	21.8								
	X-	SLD/27	0.70	0.66	1800	21.8								
	Y+	SLD/34	0.70	0.66	1800	21.8								
	Y-	SLD/36	0.70	0.66	1800	21.8								
10	10	SLD/1	0.70	0.66	1800	27.1								
		SLD/2	0.70	0.66	1800	27.1								
		SLD/3	0.70	0.66	1800	26.8								
		SLD/4	0.70	0.66	1800	26.8								
		SLD/5	0.70	0.66	1800	26.7								
		SLD/6	0.70	0.66	1800	26.4								
		SLD/7	0.70	0.66	1800	26.4								
		SLD/8	0.70	0.66	1800	25.9								
		SLD/9	0.70	0.66	1800	26.9								
		SLD/10	0.70	0.66	1800	26.9								
		SLD/11	0.70	0.66	1800	26.7								
		SLD/12	0.70	0.66	1800	26.4								
		SLD/13	0.70	0.66	1800	26.4								
		SLD/14	0.70	0.66	1800	25.9								
	X+	SLD/21	0.70	0.66	1800	21.8								
	X-	SLD/30	0.70	0.66	1800	21.8								
	Y+	SLD/40	0.70	0.66	1800	21.8								
	Y-	SLD/46	0.70	0.66	1800	21.8								
11	11	SLD/1	0.70	0.66	1800	27.1								
		SLD/2	0.70	0.66	1800	27.1								
		SLD/3	0.70	0.66	1800	26.8								
		SLD/4	0.70	0.66	1800	26.8								
		SLD/5	0.70	0.66	1800	26.7								
		SLD/6	0.70	0.66	1800	26.4								
		SLD/7	0.70	0.66	1800	26.4								
		SLD/8	0.70	0.66	1800	25.9								
		SLD/9	0.70	0.66	1800	26.9								
		SLD/10	0.70	0.66	1800	26.9								
		SLD/11	0.70	0.66	1800	26.7								
		SLD/12	0.70	0.66	1800	26.4								
		SLD/13	0.70	0.66	1800	26.4								
		SLD/14	0.70	0.66	1800	25.9								
	X+	SLD/21	0.70	0.66	1800	21.8								
	X-	SLD/30	0.70	0.66	1800	21.8								
	Y+	SLD/40	0.70	0.66	1800	21.8								
	Y-	SLD/46	0.70	0.66	1800	21.8								
12	12	SLD/1	0.70	0.93	1800	37.4								
		SLD/2	0.70	0.93	1800	37.4								
		SLD/3	0.70	0.93	1800	37.1								
		SLD/4	0.70	0.93	1800	37.1								
		SLD/5	0.70	0.93	1800	36.9								
		SLD/6	0.70	0.93	1800	36.4								
		SLD/7	0.70	0.93	1800	36.4								
		SLD/8	0.70	0.93	1800	35.7								
		SLD/9	0.70	0.93	1800	37.1								
		SLD/10	0.70	0.93	1800	37.1								
		SLD/11	0.70	0.93	1800	36.9								
		SLD/12	0.70	0.93	1800	36.4								
		SLD/13	0.70	0.93	1800	36.4								
		SLD/14	0.70	0.93	1800	35.7								
	X+	SLD/21	0.70	0.93	1800	30.1								
	X-	SLD/30	0.70	0.93	1800	30.1								
	Y+	SLD/40	0.70	0.93	1800	29.7								
	Y-	SLD/46	0.70	0.93	1800	29.7								
13	13	SLD/1	0.70	1.01	1800	40.5								
		SLD/2	0.70	1.01	1800	40.5								
		SLD/3	0.70	1.01	1800	40.2								
		SLD/4	0.70	1.01	1800	40.2								
		SLD/5	0.70	1.01	1800	40.0								
		SLD/6	0.70	1.01	1800	39.4								
		SLD/7	0.70	1.01	1800	39.4								
		SLD/8	0.70	1.01	1800	38.6								
		SLD/9	0.70	1.01	1800	40.2								
		SLD/10	0.70	1.01	1800	40.2								
		SLD/11	0.70	1.01	1800	40.0								
		SLD/12	0.70	1.01	1800	39.4								
		SLD/13	0.70	1.01	1800	39.4								
		SLD/14	0.70	1.01	1800	38.6								
	X+	SLD/20	0.70	1.01	1800	32.6								
	X-	SLD/27	0.70	1.01	1800	32.6								
	Y+	SLD/34	0.70	1.01	1800	32.1								
	Y-	SLD/36	0.70	1.01	1800	32.1								
14	14	SLD/1	0.70	0.95	1800	38.3								

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO							DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
			SLD/2	0.70	0.95	1800	38.3								
			SLD/3	0.70	0.95	1800	38.0								
			SLD/4	0.70	0.95	1800	38.0								
			SLD/5	0.70	0.95	1800	37.8								
			SLD/6	0.70	0.95	1800	37.3								
			SLD/7	0.70	0.95	1800	37.3								
			SLD/8	0.70	0.95	1800	36.6								
			SLD/9	0.70	0.95	1800	38.0								
			SLD/10	0.70	0.95	1800	38.0								
			SLD/11	0.70	0.95	1800	37.8								
			SLD/12	0.70	0.95	1800	37.3								
			SLD/13	0.70	0.95	1800	37.3								
			SLD/14	0.70	0.95	1800	36.6								
		X+	SLD/20	0.70	0.95	1800	30.9								
		X-	SLD/27	0.70	0.95	1800	30.9								
		Y+	SLD/34	0.70	0.95	1800	30.4								
		Y-	SLD/36	0.70	0.95	1800	30.4								
15	15		SLD/1	0.70	0.90	1800	36.5								
			SLD/2	0.70	0.90	1800	36.5								
			SLD/3	0.70	0.90	1800	36.2								
			SLD/4	0.70	0.90	1800	36.2								
			SLD/5	0.70	0.90	1800	36.0								
			SLD/6	0.70	0.90	1800	35.5								
			SLD/7	0.70	0.90	1800	35.5								
			SLD/8	0.70	0.90	1800	34.8								
			SLD/9	0.70	0.90	1800	36.2								
			SLD/10	0.70	0.90	1800	36.2								
			SLD/11	0.70	0.90	1800	36.0								
			SLD/12	0.70	0.90	1800	35.5								
			SLD/13	0.70	0.90	1800	35.5								
			SLD/14	0.70	0.90	1800	34.8								
		X+	SLD/20	0.70	0.90	1800	29.4								
		X-	SLD/27	0.70	0.90	1800	29.4								
		Y+	SLD/34	0.70	0.90	1800	29.0								
		Y-	SLD/36	0.70	0.90	1800	29.0								
16	16		SLD/1	0.70	0.90	1800	36.5								
			SLD/2	0.70	0.90	1800	36.5								
			SLD/3	0.70	0.90	1800	36.2								
			SLD/4	0.70	0.90	1800	36.2								
			SLD/5	0.70	0.90	1800	36.0								
			SLD/6	0.70	0.90	1800	35.5								
			SLD/7	0.70	0.90	1800	35.5								
			SLD/8	0.70	0.90	1800	34.8								
			SLD/9	0.70	0.90	1800	36.2								
			SLD/10	0.70	0.90	1800	36.2								
			SLD/11	0.70	0.90	1800	36.0								
			SLD/12	0.70	0.90	1800	35.5								
			SLD/13	0.70	0.90	1800	35.5								
			SLD/14	0.70	0.90	1800	34.8								
		X+	SLD/21	0.70	0.90	1800	29.4								
		X-	SLD/30	0.70	0.90	1800	29.4								
		Y+	SLD/40	0.70	0.90	1800	29.0								
		Y-	SLD/46	0.70	0.90	1800	29.0								
17	22		SLD/1	0.70	0.93	1800	37.4								
			SLD/2	0.70	0.93	1800	37.4								
			SLD/3	0.70	0.93	1800	37.1								
			SLD/4	0.70	0.93	1800	37.1								
			SLD/5	0.70	0.93	1800	36.9								
			SLD/6	0.70	0.93	1800	36.4								
			SLD/7	0.70	0.93	1800	36.4								
			SLD/8	0.70	0.93	1800	35.7								
			SLD/9	0.70	0.93	1800	37.1								
			SLD/10	0.70	0.93	1800	37.1								
			SLD/11	0.70	0.93	1800	36.9								
			SLD/12	0.70	0.93	1800	36.4								
			SLD/13	0.70	0.93	1800	36.4								
			SLD/14	0.70	0.93	1800	35.7								
		X+	SLD/18	0.70	0.93	1800	30.1								
		X-	SLD/25	0.70	0.93	1800	30.1								
		Y+	SLD/41	0.70	0.93	1800	29.7								
		Y-	SLD/43	0.70	0.93	1800	29.7								
18	23		SLD/1	0.70	0.93	1800	37.4								
			SLD/2	0.70	0.93	1800	37.4								
			SLD/3	0.70	0.93	1800	37.1								
			SLD/4	0.70	0.93	1800	37.1								
			SLD/5	0.70	0.93	1800	36.9								
			SLD/6	0.70	0.93	1800	36.4								
			SLD/7	0.70	0.93	1800	36.4								
			SLD/8	0.70	0.93	1800	35.7								
			SLD/9	0.70	0.93	1800	37.1								
			SLD/10	0.70	0.93	1800	37.1								
			SLD/11	0.70	0.93	1800	36.9								
			SLD/12	0.70	0.93	1800	36.4								
			SLD/13	0.70	0.93	1800	36.4								
			SLD/14	0.70	0.93	1800	35.7								
		X+	SLD/18	0.70	0.93	1800	30.1								
		X-	SLD/25	0.70	0.93	1800	30.1								
		Y+	SLD/41	0.70	0.93	1800	29.7								

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO						DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		Y-	SLD/43	0.70	0.93	1800	29.7								
19	24		SLD/1	0.70	0.92	1800	37.4								
			SLD/2	0.70	0.92	1800	37.4								
			SLD/3	0.70	0.92	1800	37.1								
			SLD/4	0.70	0.92	1800	37.1								
			SLD/5	0.70	0.92	1800	36.9								
			SLD/6	0.70	0.92	1800	36.4								
			SLD/7	0.70	0.92	1800	36.4								
			SLD/8	0.70	0.92	1800	35.7								
			SLD/9	0.70	0.92	1800	37.1								
			SLD/10	0.70	0.92	1800	37.1								
			SLD/11	0.70	0.92	1800	36.9								
			SLD/12	0.70	0.92	1800	36.4								
			SLD/13	0.70	0.92	1800	36.4								
			SLD/14	0.70	0.92	1800	35.7								
		X+	SLD/18	0.70	0.92	1800	30.1								
		X-	SLD/25	0.70	0.92	1800	30.1								
		Y+	SLD/41	0.70	0.92	1800	29.7								
		Y-	SLD/43	0.70	0.92	1800	29.7								
20	25		SLD/1	0.70	0.90	1800	36.5								
			SLD/2	0.70	0.90	1800	36.5								
			SLD/3	0.70	0.90	1800	36.2								
			SLD/4	0.70	0.90	1800	36.2								
			SLD/5	0.70	0.90	1800	36.0								
			SLD/6	0.70	0.90	1800	35.5								
			SLD/7	0.70	0.90	1800	35.5								
			SLD/8	0.70	0.90	1800	34.8								
			SLD/9	0.70	0.90	1800	36.2								
			SLD/10	0.70	0.90	1800	36.2								
			SLD/11	0.70	0.90	1800	36.0								
			SLD/12	0.70	0.90	1800	35.5								
			SLD/13	0.70	0.90	1800	35.5								
			SLD/14	0.70	0.90	1800	34.8								
		X+	SLD/18	0.70	0.90	1800	29.4								
		X-	SLD/25	0.70	0.90	1800	29.4								
		Y+	SLD/41	0.70	0.90	1800	29.0								
		Y-	SLD/43	0.70	0.90	1800	29.0								
21	26		SLD/1	0.70	0.90	1800	36.5								
			SLD/2	0.70	0.90	1800	36.5								
			SLD/3	0.70	0.90	1800	36.2								
			SLD/4	0.70	0.90	1800	36.2								
			SLD/5	0.70	0.90	1800	36.0								
			SLD/6	0.70	0.90	1800	35.5								
			SLD/7	0.70	0.90	1800	35.5								
			SLD/8	0.70	0.90	1800	34.8								
			SLD/9	0.70	0.90	1800	36.2								
			SLD/10	0.70	0.90	1800	36.2								
			SLD/11	0.70	0.90	1800	36.0								
			SLD/12	0.70	0.90	1800	35.5								
			SLD/13	0.70	0.90	1800	35.5								
			SLD/14	0.70	0.90	1800	34.8								
		X+	SLD/18	0.70	0.90	1800	29.4								
		X-	SLD/25	0.70	0.90	1800	29.4								
		Y+	SLD/41	0.70	0.90	1800	29.0								
		Y-	SLD/43	0.70	0.90	1800	29.0								
22	27		SLD/1	0.70	0.90	1800	36.5								
			SLD/2	0.70	0.90	1800	36.5								
			SLD/3	0.70	0.90	1800	36.2								
			SLD/4	0.70	0.90	1800	36.2								
			SLD/5	0.70	0.90	1800	36.0								
			SLD/6	0.70	0.90	1800	35.5								
			SLD/7	0.70	0.90	1800	35.5								
			SLD/8	0.70	0.90	1800	34.8								
			SLD/9	0.70	0.90	1800	36.2								
			SLD/10	0.70	0.90	1800	36.2								
			SLD/11	0.70	0.90	1800	36.0								
			SLD/12	0.70	0.90	1800	35.5								
			SLD/13	0.70	0.90	1800	35.5								
			SLD/14	0.70	0.90	1800	34.8								
		X+	SLD/18	0.70	0.90	1800	29.4								
		X-	SLD/25	0.70	0.90	1800	29.4								
		Y+	SLD/41	0.70	0.90	1800	29.0								
		Y-	SLD/43	0.70	0.90	1800	29.0								
23	28		SLD/1	0.70	0.90	1800	36.5								
			SLD/2	0.70	0.90	1800	36.5								
			SLD/3	0.70	0.90	1800	36.2								
			SLD/4	0.70	0.90	1800	36.2								
			SLD/5	0.70	0.90	1800	36.0								
			SLD/6	0.70	0.90	1800	35.5								
			SLD/7	0.70	0.90	1800	35.5								
			SLD/8	0.70	0.90	1800	34.8								
			SLD/9	0.70	0.90	1800	36.2								
			SLD/10	0.70	0.90	1800	36.2								
			SLD/11	0.70	0.90	1800	36.0								
			SLD/12	0.70	0.90	1800	35.5								
			SLD/13	0.70	0.90	1800	35.5								

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO							DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
			SLD/14	0.70	0.90	1800	34.8								
		X+	SLD/15	0.70	0.90	1800	29.4								
		X-	SLD/24	0.70	0.90	1800	29.4								
		Y+	SLD/31	0.70	0.90	1800	29.0								
		Y-	SLD/37	0.70	0.90	1800	29.0								
24	29		SLD/1	0.70	0.90	1800	36.5								
			SLD/2	0.70	0.90	1800	36.5								
			SLD/3	0.70	0.90	1800	36.2								
			SLD/4	0.70	0.90	1800	36.2								
			SLD/5	0.70	0.90	1800	36.0								
			SLD/6	0.70	0.90	1800	35.5								
			SLD/7	0.70	0.90	1800	35.5								
			SLD/8	0.70	0.90	1800	34.8								
			SLD/9	0.70	0.90	1800	36.2								
			SLD/10	0.70	0.90	1800	36.2								
			SLD/11	0.70	0.90	1800	36.0								
			SLD/12	0.70	0.90	1800	35.5								
			SLD/13	0.70	0.90	1800	35.5								
			SLD/14	0.70	0.90	1800	34.8								
		X+	SLD/15	0.70	0.90	1800	29.4								
		X-	SLD/24	0.70	0.90	1800	29.4								
		Y+	SLD/31	0.70	0.90	1800	29.0								
		Y-	SLD/37	0.70	0.90	1800	29.0								
25	30		SLD/1	0.70	0.90	1800	36.5								
			SLD/2	0.70	0.90	1800	36.5								
			SLD/3	0.70	0.90	1800	36.2								
			SLD/4	0.70	0.90	1800	36.2								
			SLD/5	0.70	0.90	1800	36.0								
			SLD/6	0.70	0.90	1800	35.5								
			SLD/7	0.70	0.90	1800	35.5								
			SLD/8	0.70	0.90	1800	34.8								
			SLD/9	0.70	0.90	1800	36.2								
			SLD/10	0.70	0.90	1800	36.2								
			SLD/11	0.70	0.90	1800	36.0								
			SLD/12	0.70	0.90	1800	35.5								
			SLD/13	0.70	0.90	1800	35.5								
			SLD/14	0.70	0.90	1800	34.8								
		X+	SLD/15	0.70	0.90	1800	29.4								
		X-	SLD/24	0.70	0.90	1800	29.4								
		Y+	SLD/31	0.70	0.90	1800	29.0								
		Y-	SLD/37	0.70	0.90	1800	29.0								
26	31		SLD/1	0.70	0.95	1800	38.3								
			SLD/2	0.70	0.95	1800	38.3								
			SLD/3	0.70	0.95	1800	38.0								
			SLD/4	0.70	0.95	1800	38.0								
			SLD/5	0.70	0.95	1800	37.8								
			SLD/6	0.70	0.95	1800	37.3								
			SLD/7	0.70	0.95	1800	37.3								
			SLD/8	0.70	0.95	1800	36.6								
			SLD/9	0.70	0.95	1800	38.0								
			SLD/10	0.70	0.95	1800	38.0								
			SLD/11	0.70	0.95	1800	37.8								
			SLD/12	0.70	0.95	1800	37.3								
			SLD/13	0.70	0.95	1800	37.3								
			SLD/14	0.70	0.95	1800	36.6								
		X+	SLD/15	0.70	0.95	1800	30.9								
		X-	SLD/24	0.70	0.95	1800	30.9								
		Y+	SLD/31	0.70	0.95	1800	30.4								
		Y-	SLD/37	0.70	0.95	1800	30.4								
27	32		SLD/1	0.70	1.01	1800	40.5								
			SLD/2	0.70	1.01	1800	40.5								
			SLD/3	0.70	1.01	1800	40.2								
			SLD/4	0.70	1.01	1800	40.2								
			SLD/5	0.70	1.01	1800	40.0								
			SLD/6	0.70	1.01	1800	39.4								
			SLD/7	0.70	1.01	1800	39.4								
			SLD/8	0.70	1.01	1800	38.6								
			SLD/9	0.70	1.01	1800	40.2								
			SLD/10	0.70	1.01	1800	40.2								
			SLD/11	0.70	1.01	1800	40.0								
			SLD/12	0.70	1.01	1800	39.4								
			SLD/13	0.70	1.01	1800	39.4								
			SLD/14	0.70	1.01	1800	38.6								
		X+	SLD/15	0.70	1.01	1800	32.6								
		X-	SLD/24	0.70	1.01	1800	32.6								
		Y+	SLD/31	0.70	1.01	1800	32.1								
		Y-	SLD/37	0.70	1.01	1800	32.1								
28	33		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		SLD/10	0.70	0.66	1800	26.9								
		SLD/11	0.70	0.66	1800	26.7								
		SLD/12	0.70	0.66	1800	26.4								
		SLD/13	0.70	0.66	1800	26.4								
		SLD/14	0.70	0.66	1800	25.9								
	X+	SLD/21	0.70	0.66	1800	21.8								
	X-	SLD/30	0.70	0.66	1800	21.8								
	Y+	SLD/40	0.70	0.66	1800	21.8								
	Y-	SLD/46	0.70	0.66	1800	21.8								
29	34	SLD/1	0.70	0.66	1800	27.1								
		SLD/2	0.70	0.66	1800	27.1								
		SLD/3	0.70	0.66	1800	26.8								
		SLD/4	0.70	0.66	1800	26.8								
		SLD/5	0.70	0.66	1800	26.7								
		SLD/6	0.70	0.66	1800	26.4								
		SLD/7	0.70	0.66	1800	26.4								
		SLD/8	0.70	0.66	1800	25.9								
		SLD/9	0.70	0.66	1800	26.9								
		SLD/10	0.70	0.66	1800	26.9								
		SLD/11	0.70	0.66	1800	26.7								
		SLD/12	0.70	0.66	1800	26.4								
		SLD/13	0.70	0.66	1800	26.4								
		SLD/14	0.70	0.66	1800	25.9								
	X+	SLD/18	0.70	0.66	1800	21.8								
	X-	SLD/25	0.70	0.66	1800	21.8								
	Y+	SLD/41	0.70	0.66	1800	21.8								
	Y-	SLD/43	0.70	0.66	1800	21.8								
30	35	SLD/1	0.70	0.66	1800	27.1								
		SLD/2	0.70	0.66	1800	27.1								
		SLD/3	0.70	0.66	1800	26.8								
		SLD/4	0.70	0.66	1800	26.8								
		SLD/5	0.70	0.66	1800	26.7								
		SLD/6	0.70	0.66	1800	26.4								
		SLD/7	0.70	0.66	1800	26.4								
		SLD/8	0.70	0.66	1800	25.9								
		SLD/9	0.70	0.66	1800	26.9								
		SLD/10	0.70	0.66	1800	26.9								
		SLD/11	0.70	0.66	1800	26.7								
		SLD/12	0.70	0.66	1800	26.4								
		SLD/13	0.70	0.66	1800	26.4								
		SLD/14	0.70	0.66	1800	25.9								
	X+	SLD/18	0.70	0.66	1800	21.8								
	X-	SLD/25	0.70	0.66	1800	21.8								
	Y+	SLD/41	0.70	0.66	1800	21.8								
	Y-	SLD/43	0.70	0.66	1800	21.8								
31	36	SLD/1	0.70	0.66	1800	27.1								
		SLD/2	0.70	0.66	1800	27.1								
		SLD/3	0.70	0.66	1800	26.8								
		SLD/4	0.70	0.66	1800	26.8								
		SLD/5	0.70	0.66	1800	26.7								
		SLD/6	0.70	0.66	1800	26.4								
		SLD/7	0.70	0.66	1800	26.4								
		SLD/8	0.70	0.66	1800	25.9								
		SLD/9	0.70	0.66	1800	26.9								
		SLD/10	0.70	0.66	1800	26.9								
		SLD/11	0.70	0.66	1800	26.7								
		SLD/12	0.70	0.66	1800	26.4								
		SLD/13	0.70	0.66	1800	26.4								
		SLD/14	0.70	0.66	1800	25.9								
	X+	SLD/20	0.70	0.66	1800	21.8								
	X-	SLD/27	0.70	0.66	1800	21.8								
	Y+	SLD/34	0.70	0.66	1800	21.8								
	Y-	SLD/36	0.70	0.66	1800	21.8								
32	37	SLD/1	0.70	0.66	1800	27.1								
		SLD/2	0.70	0.66	1800	27.1								
		SLD/3	0.70	0.66	1800	26.8								
		SLD/4	0.70	0.66	1800	26.8								
		SLD/5	0.70	0.66	1800	26.7								
		SLD/6	0.70	0.66	1800	26.4								
		SLD/7	0.70	0.66	1800	26.4								
		SLD/8	0.70	0.66	1800	25.9								
		SLD/9	0.70	0.66	1800	26.9								
		SLD/10	0.70	0.66	1800	26.9								
		SLD/11	0.70	0.66	1800	26.7								
		SLD/12	0.70	0.66	1800	26.4								
		SLD/13	0.70	0.66	1800	26.4								
		SLD/14	0.70	0.66	1800	25.9								
	X+	SLD/15	0.70	0.66	1800	21.8								
	X-	SLD/24	0.70	0.66	1800	21.8								
	Y+	SLD/31	0.70	0.66	1800	21.8								
	Y-	SLD/37	0.70	0.66	1800	21.8								
33	38	SLD/1	0.70	0.66	1800	27.1								
		SLD/2	0.70	0.66	1800	27.1								
		SLD/3	0.70	0.66	1800	26.8								
		SLD/4	0.70	0.66	1800	26.8								
		SLD/5	0.70	0.66	1800	26.7								

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO						DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/15	0.70	0.66	1800	21.8								
		X-	SLD/24	0.70	0.66	1800	21.8								
		Y+	SLD/31	0.70	0.66	1800	21.8								
		Y-	SLD/37	0.70	0.66	1800	21.8								
34	39		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/20	0.70	0.66	1800	21.8								
		X-	SLD/27	0.70	0.66	1800	21.8								
		Y+	SLD/34	0.70	0.66	1800	21.8								
		Y-	SLD/36	0.70	0.66	1800	21.8								
35	40		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/15	0.70	0.66	1800	21.8								
		X-	SLD/24	0.70	0.66	1800	21.8								
		Y+	SLD/31	0.70	0.66	1800	21.8								
		Y-	SLD/37	0.70	0.66	1800	21.8								
36	41		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/15	0.70	0.66	1800	21.8								
		X-	SLD/24	0.70	0.66	1800	21.8								
		Y+	SLD/31	0.70	0.66	1800	21.8								
		Y-	SLD/37	0.70	0.66	1800	21.8								
37	42		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/20	0.70	0.66	1800	21.8								
		X-	SLD/27	0.70	0.66	1800	21.8								
		Y+	SLD/34	0.70	0.66	1800	21.8								
		Y-	SLD/36	0.70	0.66	1800	21.8								
38	43		SLD/1	0.70	0.66	1800	27.1								

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO							DRENATE		NON DRENATE		RISULTATI				
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/15	0.70	0.66	1800	21.8								
		X-	SLD/24	0.70	0.66	1800	21.8								
		Y+	SLD/31	0.70	0.66	1800	21.8								
		Y-	SLD/37	0.70	0.66	1800	21.8								
39	44		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/15	0.70	0.66	1800	21.8								
		X-	SLD/24	0.70	0.66	1800	21.8								
		Y+	SLD/31	0.70	0.66	1800	21.8								
		Y-	SLD/37	0.70	0.66	1800	21.8								
40	45		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/21	0.70	0.66	1800	21.8								
		X-	SLD/30	0.70	0.66	1800	21.8								
		Y+	SLD/40	0.70	0.66	1800	21.8								
		Y-	SLD/46	0.70	0.66	1800	21.8								
41	46		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/18	0.70	0.66	1800	21.8								
		X-	SLD/25	0.70	0.66	1800	21.8								
		Y+	SLD/41	0.70	0.66	1800	21.8								
		Y-	SLD/43	0.70	0.66	1800	21.8								
42	47		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/18	0.70	0.66	1800	21.8								
		X-	SLD/25	0.70	0.66	1800	21.8								
		Y+	SLD/41	0.70	0.66	1800	21.8								

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO						DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		Y-	SLD/43	0.70	0.66	1800	21.8								
43	48		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/21	0.70	0.66	1800	21.8								
		X-	SLD/30	0.70	0.66	1800	21.8								
		Y+	SLD/40	0.70	0.66	1800	21.8								
		Y-	SLD/46	0.70	0.66	1800	21.8								
44	49		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/18	0.70	0.66	1800	21.8								
		X-	SLD/25	0.70	0.66	1800	21.8								
		Y+	SLD/41	0.70	0.66	1800	21.8								
		Y-	SLD/43	0.70	0.66	1800	21.8								
45	50		SLD/1	0.70	0.66	1800	27.1								
			SLD/2	0.70	0.66	1800	27.1								
			SLD/3	0.70	0.66	1800	26.8								
			SLD/4	0.70	0.66	1800	26.8								
			SLD/5	0.70	0.66	1800	26.7								
			SLD/6	0.70	0.66	1800	26.4								
			SLD/7	0.70	0.66	1800	26.4								
			SLD/8	0.70	0.66	1800	25.9								
			SLD/9	0.70	0.66	1800	26.9								
			SLD/10	0.70	0.66	1800	26.9								
			SLD/11	0.70	0.66	1800	26.7								
			SLD/12	0.70	0.66	1800	26.4								
			SLD/13	0.70	0.66	1800	26.4								
			SLD/14	0.70	0.66	1800	25.9								
		X+	SLD/18	0.70	0.66	1800	21.8								
		X-	SLD/25	0.70	0.66	1800	21.8								
		Y+	SLD/41	0.70	0.66	1800	21.8								
		Y-	SLD/43	0.70	0.66	1800	21.8								
46	51		SLD/1	0.70	0.93	1800	37.4								
			SLD/2	0.70	0.93	1800	37.4								
			SLD/3	0.70	0.93	1800	37.1								
			SLD/4	0.70	0.93	1800	37.1								
			SLD/5	0.70	0.93	1800	36.9								
			SLD/6	0.70	0.93	1800	36.4								
			SLD/7	0.70	0.93	1800	36.4								
			SLD/8	0.70	0.93	1800	35.7								
			SLD/9	0.70	0.93	1800	37.1								
			SLD/10	0.70	0.93	1800	37.1								
			SLD/11	0.70	0.93	1800	36.9								
			SLD/12	0.70	0.93	1800	36.4								
			SLD/13	0.70	0.93	1800	36.4								
			SLD/14	0.70	0.93	1800	35.7								
		X+	SLD/21	0.70	0.93	1800	30.1								
		X-	SLD/30	0.70	0.93	1800	30.1								
		Y+	SLD/40	0.70	0.93	1800	29.7								
		Y-	SLD/46	0.70	0.93	1800	29.7								
47	52		SLD/1	0.70	0.93	1800	37.4								
			SLD/2	0.70	0.93	1800	37.4								
			SLD/3	0.70	0.93	1800	37.1								
			SLD/4	0.70	0.93	1800	37.1								
			SLD/5	0.70	0.93	1800	36.9								
			SLD/6	0.70	0.93	1800	36.4								
			SLD/7	0.70	0.93	1800	36.4								
			SLD/8	0.70	0.93	1800	35.7								
			SLD/9	0.70	0.93	1800	37.1								
			SLD/10	0.70	0.93	1800	37.1								
			SLD/11	0.70	0.93	1800	36.9								
			SLD/12	0.70	0.93	1800	36.4								
			SLD/13	0.70	0.93	1800	36.4								

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO						DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro		Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
			SLD/14	0.70	0.93	1800	35.7								
		X+	SLD/21	0.70	0.93	1800	30.1								
		X-	SLD/30	0.70	0.93	1800	30.1								
		Y+	SLD/40	0.70	0.93	1800	29.7								
		Y-	SLD/46	0.70	0.93	1800	29.7								
48	53		SLD/1	0.70	0.92	1800	37.4								
			SLD/2	0.70	0.92	1800	37.4								
			SLD/3	0.70	0.92	1800	37.1								
			SLD/4	0.70	0.92	1800	37.1								
			SLD/5	0.70	0.92	1800	36.9								
			SLD/6	0.70	0.92	1800	36.4								
			SLD/7	0.70	0.92	1800	36.4								
			SLD/8	0.70	0.92	1800	35.7								
			SLD/9	0.70	0.92	1800	37.1								
			SLD/10	0.70	0.92	1800	37.1								
			SLD/11	0.70	0.92	1800	36.9								
			SLD/12	0.70	0.92	1800	36.4								
			SLD/13	0.70	0.92	1800	36.4								
			SLD/14	0.70	0.92	1800	35.7								
		X+	SLD/21	0.70	0.92	1800	30.1								
		X-	SLD/30	0.70	0.92	1800	30.1								
		Y+	SLD/40	0.70	0.92	1800	29.7								
		Y-	SLD/46	0.70	0.92	1800	29.7								
49	54		SLD/1	0.70	1.01	1800	40.5								
			SLD/2	0.70	1.01	1800	40.5								
			SLD/3	0.70	1.01	1800	40.2								
			SLD/4	0.70	1.01	1800	40.2								
			SLD/5	0.70	1.01	1800	40.0								
			SLD/6	0.70	1.01	1800	39.4								
			SLD/7	0.70	1.01	1800	39.4								
			SLD/8	0.70	1.01	1800	38.6								
			SLD/9	0.70	1.01	1800	40.2								
			SLD/10	0.70	1.01	1800	40.2								
			SLD/11	0.70	1.01	1800	40.0								
			SLD/12	0.70	1.01	1800	39.4								
			SLD/13	0.70	1.01	1800	39.4								
			SLD/14	0.70	1.01	1800	38.6								
		X+	SLD/20	0.70	1.01	1800	32.6								
		X-	SLD/27	0.70	1.01	1800	32.6								
		Y+	SLD/34	0.70	1.01	1800	32.1								
		Y-	SLD/36	0.70	1.01	1800	32.1								
50	55		SLD/1	0.70	0.95	1800	38.3								
			SLD/2	0.70	0.95	1800	38.3								
			SLD/3	0.70	0.95	1800	38.0								
			SLD/4	0.70	0.95	1800	38.0								
			SLD/5	0.70	0.95	1800	37.8								
			SLD/6	0.70	0.95	1800	37.3								
			SLD/7	0.70	0.95	1800	37.3								
			SLD/8	0.70	0.95	1800	36.6								
			SLD/9	0.70	0.95	1800	38.0								
			SLD/10	0.70	0.95	1800	38.0								
			SLD/11	0.70	0.95	1800	37.8								
			SLD/12	0.70	0.95	1800	37.3								
			SLD/13	0.70	0.95	1800	37.3								
			SLD/14	0.70	0.95	1800	36.6								
		X+	SLD/20	0.70	0.95	1800	30.9								
		X-	SLD/27	0.70	0.95	1800	30.9								
		Y+	SLD/34	0.70	0.95	1800	30.4								
		Y-	SLD/36	0.70	0.95	1800	30.4								
51	56		SLD/1	0.70	0.90	1800	36.5								
			SLD/2	0.70	0.90	1800	36.5								
			SLD/3	0.70	0.90	1800	36.2								
			SLD/4	0.70	0.90	1800	36.2								
			SLD/5	0.70	0.90	1800	36.0								
			SLD/6	0.70	0.90	1800	35.5								
			SLD/7	0.70	0.90	1800	35.5								
			SLD/8	0.70	0.90	1800	34.8								
			SLD/9	0.70	0.90	1800	36.2								
			SLD/10	0.70	0.90	1800	36.2								
			SLD/11	0.70	0.90	1800	36.0								
			SLD/12	0.70	0.90	1800	35.5								
			SLD/13	0.70	0.90	1800	35.5								
			SLD/14	0.70	0.90	1800	34.8								
		X+	SLD/20	0.70	0.90	1800	29.4								
		X-	SLD/27	0.70	0.90	1800	29.4								
		Y+	SLD/34	0.70	0.90	1800	29.0								
		Y-	SLD/36	0.70	0.90	1800	29.0								
52	57		SLD/1	0.70	0.90	1800	36.5								
			SLD/2	0.70	0.90	1800	36.5								
			SLD/3	0.70	0.90	1800	36.2								
			SLD/4	0.70	0.90	1800	36.2								
			SLD/5	0.70	0.90	1800	36.0								
			SLD/6	0.70	0.90	1800	35.5								
			SLD/7	0.70	0.90	1800	35.5								
			SLD/8	0.70	0.90	1800	34.8								
			SLD/9	0.70	0.90	1800	36.2								

CARICO LIMITE TRAVI WINKLER - S.L.D.

IDENTIIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Trave N.ro	Asta3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		SLD/10	0.70	0.90	1800	36.2								
		SLD/11	0.70	0.90	1800	36.0								
		SLD/12	0.70	0.90	1800	35.5								
		SLD/13	0.70	0.90	1800	35.5								
		SLD/14	0.70	0.90	1800	34.8								
		X+ SLD/20	0.70	0.90	1800	29.4								
		X- SLD/27	0.70	0.90	1800	29.4								
		Y+ SLD/34	0.70	0.90	1800	29.0								
		Y- SLD/36	0.70	0.90	1800	29.0								
53	58	SLD/1	0.70	0.90	1800	36.5								
		SLD/2	0.70	0.90	1800	36.5								
		SLD/3	0.70	0.90	1800	36.2								
		SLD/4	0.70	0.90	1800	36.2								
		SLD/5	0.70	0.90	1800	36.0								
		SLD/6	0.70	0.90	1800	35.5								
		SLD/7	0.70	0.90	1800	35.5								
		SLD/8	0.70	0.90	1800	34.8								
		SLD/9	0.70	0.90	1800	36.2								
		SLD/10	0.70	0.90	1800	36.2								
		SLD/11	0.70	0.90	1800	36.0								
		SLD/12	0.70	0.90	1800	35.5								
		SLD/13	0.70	0.90	1800	35.5								
		SLD/14	0.70	0.90	1800	34.8								
		X+ SLD/20	0.70	0.90	1800	29.4								
		X- SLD/27	0.70	0.90	1800	29.4								
		Y+ SLD/34	0.70	0.90	1800	29.0								
		Y- SLD/36	0.70	0.90	1800	29.0								
54	59	SLD/1	0.70	0.90	1800	36.5								
		SLD/2	0.70	0.90	1800	36.5								
		SLD/3	0.70	0.90	1800	36.2								
		SLD/4	0.70	0.90	1800	36.2								
		SLD/5	0.70	0.90	1800	36.0								
		SLD/6	0.70	0.90	1800	35.5								
		SLD/7	0.70	0.90	1800	35.5								
		SLD/8	0.70	0.90	1800	34.8								
		SLD/9	0.70	0.90	1800	36.2								
		SLD/10	0.70	0.90	1800	36.2								
		SLD/11	0.70	0.90	1800	36.0								
		SLD/12	0.70	0.90	1800	35.5								
		SLD/13	0.70	0.90	1800	35.5								
		SLD/14	0.70	0.90	1800	34.8								
		X+ SLD/21	0.70	0.90	1800	29.4								
		X- SLD/30	0.70	0.90	1800	29.4								
		Y+ SLD/40	0.70	0.90	1800	29.0								
		Y- SLD/46	0.70	0.90	1800	29.0								
55	60	SLD/1	0.70	0.90	1800	36.5								
		SLD/2	0.70	0.90	1800	36.5								
		SLD/3	0.70	0.90	1800	36.2								
		SLD/4	0.70	0.90	1800	36.2								
		SLD/5	0.70	0.90	1800	36.0								
		SLD/6	0.70	0.90	1800	35.5								
		SLD/7	0.70	0.90	1800	35.5								
		SLD/8	0.70	0.90	1800	34.8								
		SLD/9	0.70	0.90	1800	36.2								
		SLD/10	0.70	0.90	1800	36.2								
		SLD/11	0.70	0.90	1800	36.0								
		SLD/12	0.70	0.90	1800	35.5								
		SLD/13	0.70	0.90	1800	35.5								
		SLD/14	0.70	0.90	1800	34.8								
		X+ SLD/21	0.70	0.90	1800	29.4								
		X- SLD/30	0.70	0.90	1800	29.4								
		Y+ SLD/40	0.70	0.90	1800	29.0								
		Y- SLD/46	0.70	0.90	1800	29.0								
56	61	SLD/1	0.70	0.90	1800	36.5								
		SLD/2	0.70	0.90	1800	36.5								
		SLD/3	0.70	0.90	1800	36.2								
		SLD/4	0.70	0.90	1800	36.2								
		SLD/5	0.70	0.90	1800	36.0								
		SLD/6	0.70	0.90	1800	35.5								
		SLD/7	0.70	0.90	1800	35.5								
		SLD/8	0.70	0.90	1800	34.8								
		SLD/9	0.70	0.90	1800	36.2								
		SLD/10	0.70	0.90	1800	36.2								
		SLD/11	0.70	0.90	1800	36.0								
		SLD/12	0.70	0.90	1800	35.5								
		SLD/13	0.70	0.90	1800	35.5								
		SLD/14	0.70	0.90	1800	34.8								
		X+ SLD/21	0.70	0.90	1800	29.4								
		X- SLD/30	0.70	0.90	1800	29.4								
		Y+ SLD/40	0.70	0.90	1800	29.0								
		Y- SLD/46	0.70	0.90	1800	29.0								

VERIFICA ALLO SCORRIMENTO - CONDIZIONI DRENATE

IDENTIFICATIVO			RISULTATI									
Combinazione N.ro	Tipo Elem.	Elem N.ro	N (t)	Tg(fi)/ Gfi/Gr	C/Gc/Gr t/mq	Area mq	Vres (t)	Fh (t)	Verifica Locale	S(Vres) (t)	S(Fh) (t)	Verifica Globale
A1 / 40	TRAVE	1	15.73	0.244	0.00	0.647	3.83	3.07	OK	3.83	3.07	
	TRAVE	2	14.90	0.244	0.00	0.630	3.63	2.91	OK	7.46	5.98	
	TRAVE	3	14.50	0.244	0.00	0.630	3.53	2.83	OK	10.99	8.81	
	TRAVE	4	14.88	0.244	0.00	0.665	3.62	2.91	OK	14.62	11.72	
	TRAVE	5	15.52	0.244	0.00	0.707	3.78	3.03	OK	18.40	14.75	
	TRAVE	6	1.45	0.244	0.00	0.464	0.35	0.28	OK	18.75	15.03	
	TRAVE	7	0.04	0.244	0.00	0.464	0.01	0.01	OK	18.76	15.04	
	TRAVE	8	0.26	0.244	0.00	0.464	0.06	0.05	OK	18.83	15.09	
	TRAVE	9	0.48	0.244	0.00	0.464	0.12	0.09	OK	18.94	15.19	
	TRAVE	10	0.87	0.244	0.00	0.464	0.21	0.17	OK	19.15	15.35	
	TRAVE	11	1.20	0.244	0.00	0.464	0.29	0.23	OK	19.45	15.59	
	TRAVE	12	0.00	0.000	0.00	0.000	0.00	0.00	OK	19.45	15.59	
	TRAVE	13	0.00	0.000	0.00	0.000	0.00	0.00	OK	19.45	15.59	
	TRAVE	14	0.00	0.000	0.00	0.000	0.00	0.00	OK	19.45	15.59	
	TRAVE	15	0.00	0.000	0.00	0.000	0.00	0.00	OK	19.45	15.59	
	TRAVE	16	0.00	0.000	0.00	0.000	0.00	0.00	OK	19.45	15.59	
	TRAVE	17	15.57	0.244	0.00	0.647	3.79	3.04	OK	23.24	18.63	
	TRAVE	18	15.47	0.244	0.00	0.648	3.77	3.02	OK	27.01	21.65	
	TRAVE	19	15.41	0.244	0.00	0.647	3.75	3.01	OK	30.76	24.66	
	TRAVE	20	14.75	0.244	0.00	0.630	3.59	2.88	OK	34.35	27.54	
	TRAVE	21	14.66	0.244	0.00	0.630	3.57	2.86	OK	37.92	30.40	
	TRAVE	22	14.60	0.244	0.00	0.630	3.56	2.85	OK	41.48	33.25	
	TRAVE	23	14.36	0.244	0.00	0.630	3.50	2.80	OK	44.98	36.06	
	TRAVE	24	14.26	0.244	0.00	0.630	3.47	2.78	OK	48.45	38.84	
	TRAVE	25	14.20	0.244	0.00	0.630	3.46	2.77	OK	51.91	41.61	
	TRAVE	26	14.75	0.244	0.00	0.665	3.59	2.88	OK	55.50	44.49	
	TRAVE	27	15.36	0.244	0.00	0.707	3.74	3.00	OK	59.25	47.49	
	TRAVE	28	4.46	0.244	0.00	0.464	1.09	0.87	OK	60.33	48.36	
	TRAVE	29	7.52	0.244	0.00	0.464	1.83	1.47	OK	62.16	49.83	
	TRAVE	30	10.65	0.244	0.00	0.464	2.59	2.08	OK	64.76	51.91	
	TRAVE	31	3.13	0.244	0.00	0.464	0.76	0.61	OK	65.52	52.52	
	TRAVE	32	6.25	0.244	0.00	0.464	1.52	1.22	OK	67.04	53.74	
	TRAVE	33	9.41	0.244	0.00	0.464	2.29	1.84	OK	69.33	55.58	
	TRAVE	34	3.38	0.244	0.00	0.464	0.82	0.66	OK	70.16	56.24	
	TRAVE	35	6.51	0.244	0.00	0.464	1.59	1.27	OK	71.74	57.51	
	TRAVE	36	9.64	0.244	0.00	0.464	2.35	1.88	OK	74.09	59.39	
	TRAVE	37	3.59	0.244	0.00	0.464	0.87	0.70	OK	74.97	60.09	
	TRAVE	38	6.70	0.244	0.00	0.464	1.63	1.31	OK	76.60	61.40	
	TRAVE	39	9.82	0.244	0.00	0.464	2.39	1.92	OK	78.99	63.32	
	TRAVE	40	3.95	0.244	0.00	0.464	0.96	0.77	OK	79.95	64.09	
	TRAVE	41	7.03	0.244	0.00	0.464	1.71	1.37	OK	81.67	65.46	
	TRAVE	42	10.13	0.244	0.00	0.464	2.47	1.98	OK	84.14	67.44	
	TRAVE	43	4.27	0.244	0.00	0.464	1.04	0.83	OK	85.17	68.28	
	TRAVE	44	7.34	0.244	0.00	0.464	1.79	1.43	OK	86.96	69.71	
	TRAVE	45	10.43	0.244	0.00	0.464	2.54	2.04	OK	89.50	71.74	
	TRAVE	46	0.00	0.000	0.00	0.000	0.00	0.00	OK	89.50	71.74	
	TRAVE	47	0.00	0.000	0.00	0.000	0.00	0.00	OK	89.50	71.74	
	TRAVE	48	0.00	0.000	0.00	0.000	0.00	0.00	OK	89.50	71.74	
	TRAVE	49	0.00	0.000	0.00	0.000	0.00	0.00	OK	89.50	71.74	
	TRAVE	50	0.00	0.000	0.00	0.000	0.00	0.00	OK	89.50	71.74	
	TRAVE	51	0.00	0.000	0.00	0.000	0.00	0.00	OK	89.50	71.74	
	TRAVE	52	0.00	0.000	0.00	0.000	0.00	0.00	OK	89.50	71.74	
	TRAVE	53	0.00	0.000	0.00	0.000	0.00	0.00	OK	89.50	71.74	
	TRAVE	54	0.00	0.000	0.00	0.000	0.00	0.00	OK	89.50	71.74	
	TRAVE	55	0.00	0.000	0.00	0.000	0.00	0.00	OK	89.50	71.74	
	TRAVE	56	0.00	0.000	0.00	0.000	0.00	0.00	OK	89.50	71.74	OK

PORTANZA GLOBALE - MOLTIPLICATORI DI COLLASSO - SLU

	DRENATE				NON DRENATE				RISULTATI	
Comb N.ro	Risult (t)	Resist (t)	Moltipl. Collasso	%Pl. Moll	Risult (t)	Resist (t)	Moltipl. Collasso	%Pl. Moll	Moltipl. Minimo	STATUS (m)
A2 / 1	546	573	1.050	0						OK
A2 / 2	534	560	1.050	0						OK
A2 / 3	546	573	1.050	0						OK
A2 / 4	534	560	1.050	0						OK
A2 / 5	522	548	1.050	0						OK
A2 / 6	546	573	1.050	0						OK
A2 / 7	534	560	1.050	0						OK
A2 / 8	522	548	1.050	0						OK
A2 / 9	546	573	1.050	0						OK
A2 / 10	534	560	1.050	0						OK
A2 / 11	522	548	1.050	0						OK
A2 / 12	546	573	1.050	0						OK
A2 / 13	534	560	1.050	0						OK
A2 / 14	522	548	1.050	0						OK
A2 / 15	352	370	1.050	0						OK
A2 / 16	352	370	1.050	0						OK
A2 / 17	352	370	1.050	0						OK
A2 / 18	352	370	1.050	0						OK
A2 / 19	352	370	1.050	0						OK
A2 / 20	352	370	1.050	0						OK
A2 / 21	352	370	1.050	0						OK
A2 / 22	352	370	1.050	0						OK
A2 / 23	352	370	1.050	0						OK
A2 / 24	352	370	1.050	0						OK
A2 / 25	352	370	1.050	0						OK
A2 / 26	352	370	1.050	0						OK
A2 / 27	352	370	1.050	0						OK
A2 / 28	352	370	1.050	0						OK
A2 / 29	352	370	1.050	0						OK
A2 / 30	352	370	1.050	0						OK

PORTANZA GLOBALE - MOLTIPLICATORI DI COLLASSO - SLU

	DRENATE				NON DRENATE				RISULTATI	
Comb N.ro	Risult (t)	Resist (t)	Moltipl. Collasso	%Pl. Moll	Risult (t)	Resist (t)	Moltipl. Collasso	%Pl. Moll	Moltipl. Minimo	STATUS (m)
A2 / 31	352	370	1.050	3						OK
A2 / 32	352	370	1.050	3						OK
A2 / 33	352	370	1.050	3						OK
A2 / 34	352	370	1.050	3						OK
A2 / 35	352	370	1.050	0						OK
A2 / 36	352	370	1.050	0						OK
A2 / 37	352	370	1.050	0						OK
A2 / 38	352	370	1.050	0						OK
A2 / 39	352	370	1.050	4						OK
A2 / 40	352	370	1.050	4					1.050	OK
A2 / 41	352	370	1.050	4						OK
A2 / 42	352	370	1.050	4						OK
A2 / 43	352	370	1.050	0						OK
A2 / 44	352	370	1.050	0						OK
A2 / 45	352	370	1.050	0						OK
A2 / 46	352	370	1.050	0						OK

PORTANZA GLOBALE - ABBASSAMENTI COMBINAZ.: A1/40

	DRENATE		NON DRENATE			DRENATE		NON DRENATE			DRENATE		NON DRENATE	
Nodo3d N.ro	SpostZ (cm)	SpostZ/ SpostEl	SpostZ (cm)	SpostZ/ SpostEl	Nodo3d N.ro	SpostZ (cm)	SpostZ/ SpostEl	SpostZ (cm)	SpostZ/ SpostEl	Nodo3d N.ro	SpostZ (cm)	SpostZ/ SpostEl	SpostZ (cm)	SpostZ/ SpostEl
1	-0.181	ELAST.			2	-0.183	ELAST.			3	-0.176	ELAST.		
4	-0.164	ELAST.			5	-0.156	ELAST.			6	-0.149	ELAST.		
7	-0.167	1			8	-0.136	ELAST.			9	-0.140	1		
10	-0.145	1			11	-0.157	1			12	-0.165	2		
21	-0.138	ELAST.			22	-0.142	ELAST.			23	-0.146	ELAST.		
172	-0.169	ELAST.			173	-0.173	ELAST.			174	-0.178	ELAST.		
180	-0.186	ELAST.			181	-0.189	ELAST.			182	-0.187	ELAST.		
187	-0.186	ELAST.			188	-0.185	ELAST.			189	-0.182	ELAST.		
194	-0.178	ELAST.			195	-0.176	ELAST.			196	-0.171	ELAST.		
201	-0.161	ELAST.			204	-0.155	ELAST.			206	-0.168	ELAST.		
207	-0.173	ELAST.			208	-0.179	ELAST.			213	-0.142	ELAST.		
214	-0.147	ELAST.			215	-0.152	ELAST.			220	-0.148	ELAST.		
221	-0.154	ELAST.			222	-0.159	ELAST.			227	-0.160	ELAST.		
228	-0.166	ELAST.			229	-0.172	ELAST.			234	-0.167	SCARTATA		
235	-0.166	SCARTATA			236	-0.165	SCARTATA			240	-0.137	SCARTATA		
242	-0.142	SCARTATA			244	-0.153	SCARTATA			245	-0.150	SCARTATA		
246	-0.147	SCARTATA			250	-0.163	SCARTATA			251	-0.160	SCARTATA		
252	-0.158	SCARTATA												

PORTANZA GLOBALE - MOLTIPLICATORI DI COLLASSO - SLD

	DRENATE				NON DRENATE				RISULTATI	
Comb N.ro	Risult (t)	Resist (t)	Moltipl. Collasso	%Pl. Moll	Risult (t)	Resist (t)	Moltipl. Collasso	%Pl. Moll	Moltipl. Minimo	STATUS (m)
A2 / 1	546	573	1.050	0					1.050	OK
A2 / 2	534	560	1.050	0						OK
A2 / 3	546	573	1.050	0						OK
A2 / 4	534	560	1.050	0						OK
A2 / 5	522	548	1.050	0						OK
A2 / 6	546	573	1.050	0						OK
A2 / 7	534	560	1.050	0						OK
A2 / 8	522	548	1.050	0						OK
A2 / 9	546	573	1.050	0						OK
A2 / 10	534	560	1.050	0						OK
A2 / 11	522	548	1.050	0						OK
A2 / 12	546	573	1.050	0						OK
A2 / 13	534	560	1.050	0						OK
A2 / 14	522	548	1.050	0						OK
A2 / 15	352	370	1.050	0						OK
A2 / 16	352	370	1.050	0						OK
A2 / 17	352	370	1.050	0						OK
A2 / 18	352	370	1.050	0						OK
A2 / 19	352	370	1.050	0						OK
A2 / 20	352	370	1.050	0						OK
A2 / 21	352	370	1.050	0						OK
A2 / 22	352	370	1.050	0						OK
A2 / 23	352	370	1.050	0						OK
A2 / 24	352	370	1.050	0						OK
A2 / 25	352	370	1.050	0						OK
A2 / 26	352	370	1.050	0						OK
A2 / 27	352	370	1.050	0						OK
A2 / 28	352	370	1.050	0						OK
A2 / 29	352	370	1.050	0						OK
A2 / 30	352	370	1.050	0						OK
A2 / 31	352	370	1.050	0						OK
A2 / 32	352	370	1.050	0						OK
A2 / 33	352	370	1.050	0						OK
A2 / 34	352	370	1.050	0						OK
A2 / 35	352	370	1.050	0						OK
A2 / 36	352	370	1.050	0						OK
A2 / 37	352	370	1.050	0						OK
A2 / 38	352	370	1.050	0						OK
A2 / 39	352	370	1.050	0						OK
A2 / 40	352	370	1.050	0						OK
A2 / 41	352	370	1.050	0						OK
A2 / 42	352	370	1.050	0						OK
A2 / 43	352	370	1.050	0						OK
A2 / 44	352	370	1.050	0						OK
A2 / 45	352	370	1.050	0						OK
A2 / 46	352	370	1.050	0						OK

PORTANZA GLOBALE - ABBASSAMENTI COMBINAZ.: SLD/1

	DRENATE		NON DRENATE			DRENATE		NON DRENATE			DRENATE		NON DRENATE	
Nodo3d N.ro	SpostZ (cm)	SpostZ/ SpostEl	SpostZ (cm)	SpostZ/ SpostEl	Nodo3d N.ro	SpostZ (cm)	SpostZ/ SpostEl	SpostZ (cm)	SpostZ/ SpostEl	Nodo3d N.ro	SpostZ (cm)	SpostZ/ SpostEl	SpostZ (cm)	SpostZ/ SpostEl
1	-0.187	ELAST.			2	-0.186	ELAST.			3	-0.183	ELAST.		
4	-0.180	ELAST.			5	-0.178	ELAST.			6	-0.176	ELAST.		
7	-0.183	ELAST.			8	-0.173	ELAST.			9	-0.174	ELAST.		
10	-0.175	ELAST.			11	-0.178	ELAST.			12	-0.180	ELAST.		
21	-0.174	ELAST.			22	-0.174	ELAST.			23	-0.175	ELAST.		
172	-0.184	ELAST.			173	-0.185	ELAST.			174	-0.186	ELAST.		
180	-0.188	ELAST.			181	-0.188	ELAST.			182	-0.187	ELAST.		
187	-0.187	ELAST.			188	-0.186	ELAST.			189	-0.185	ELAST.		
194	-0.183	ELAST.			195	-0.183	ELAST.			196	-0.181	ELAST.		
201	-0.179	ELAST.			204	-0.177	ELAST.			206	-0.182	ELAST.		
207	-0.183	ELAST.			208	-0.185	ELAST.			213	-0.175	ELAST.		
214	-0.176	ELAST.			215	-0.177	ELAST.			220	-0.176	ELAST.		
221	-0.177	ELAST.			222	-0.179	ELAST.			227	-0.179	ELAST.		
228	-0.181	ELAST.			229	-0.182	ELAST.			234	-0.181	ELAST.		
235	-0.180	ELAST.			236	-0.180	ELAST.			240	-0.173	ELAST.		
242	-0.174	ELAST.			244	-0.176	ELAST.			245	-0.175	ELAST.		
246	-0.174	ELAST.			250	-0.179	ELAST.			251	-0.178	ELAST.		
252	-0.177	ELAST.												

CEDIMENTI ELASTICI ED EDOMETRICI

Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm
1	Rare 1	0.25	0.62	2	Rare 1	0.27	0.69	3	Rare 1	0.48	1.20	4	Rare 1	0.49	1.22
	Rare 2	0.24	0.61		Rare 2	0.27	0.67		Rare 2	0.46	1.16		Rare 2	0.47	1.18
	Rare 3	0.25	0.61		Rare 3	0.27	0.68		Rare 3	0.48	1.19		Rare 3	0.49	1.22
	Rare 4	0.24	0.61		Rare 4	0.27	0.66		Rare 4	0.46	1.16		Rare 4	0.47	1.18
	Rare 5	0.23	0.58		Rare 5	0.26	0.65		Rare 5	0.46	1.14		Rare 5	0.47	1.17
	Rare 6	0.24	0.59		Rare 6	0.28	0.71		Rare 6	0.49	1.24		Rare 6	0.50	1.26
	Rare 7	0.23	0.59		Rare 7	0.27	0.69		Rare 7	0.48	1.20		Rare 7	0.49	1.22
	Rare 8	0.22	0.55		Rare 8	0.28	0.69		Rare 8	0.49	1.22		Rare 8	0.49	1.24
	Rare 9	0.25	0.62		Rare 9	0.28	0.69		Rare 9	0.48	1.20		Rare 9	0.49	1.22
	Rare 10	0.25	0.61		Rare 10	0.27	0.67		Rare 10	0.47	1.16		Rare 10	0.47	1.18
	Rare 11	0.24	0.59		Rare 11	0.27	0.66		Rare 11	0.46	1.16		Rare 11	0.47	1.17
	Rare 12	0.26	0.64		Rare 12	0.27	0.67		Rare 12	0.46	1.16		Rare 12	0.47	1.18
	Rare 13	0.25	0.63		Rare 13	0.26	0.65		Rare 13	0.45	1.12		Rare 13	0.46	1.14
	Rare 14	0.25	0.63		Rare 14	0.25	0.63		Rare 14	0.43	1.09		Rare 14	0.44	1.11
	Freq 1	0.22	0.55		Freq 1	0.25	0.63		Freq 1	0.44	1.10		Freq 1	0.45	1.13
	Freq 2	0.22	0.54		Freq 2	0.25	0.62		Freq 2	0.43	1.08		Freq 2	0.44	1.10
	Freq 3	0.21	0.53		Freq 3	0.25	0.61		Freq 3	0.43	1.07		Freq 3	0.44	1.09
	Freq 4	0.21	0.53		Freq 4	0.25	0.62		Freq 4	0.43	1.09		Freq 4	0.44	1.11
	Freq 5	0.21	0.53		Freq 5	0.25	0.62		Freq 5	0.43	1.07		Freq 5	0.44	1.09
	Freq 6	0.22	0.54		Freq 6	0.24	0.61		Freq 6	0.42	1.06		Freq 6	0.43	1.08
	Perm 1	0.21	0.53		Perm 1	0.25	0.61		Perm 1	0.43	1.07		Perm 1	0.44	1.09
	MAX.	0.26	0.64		MAX.	0.28	0.71		MAX.	0.49	1.24		MAX.	0.50	1.26
5	Rare 1	0.47	1.18	6	Rare 1	0.46	1.15	7	Rare 1	0.27	0.67	8	Rare 1	0.24	0.60
	Rare 2	0.46	1.15		Rare 2	0.45	1.12		Rare 2	0.26	0.65		Rare 2	0.24	0.60
	Rare 3	0.47	1.19		Rare 3	0.46	1.16		Rare 3	0.27	0.67		Rare 3	0.24	0.61
	Rare 4	0.46	1.15		Rare 4	0.45	1.12		Rare 4	0.26	0.65		Rare 4	0.24	0.60
	Rare 5	0.46	1.14		Rare 5	0.45	1.12		Rare 5	0.26	0.65		Rare 5	0.23	0.59
	Rare 6	0.49	1.22		Rare 6	0.48	1.19		Rare 6	0.28	0.69		Rare 6	0.23	0.58
	Rare 7	0.48	1.19		Rare 7	0.46	1.16		Rare 7	0.27	0.67		Rare 7	0.23	0.58
	Rare 8	0.48	1.21		Rare 8	0.47	1.18		Rare 8	0.27	0.68		Rare 8	0.22	0.54
	Rare 9	0.47	1.18		Rare 9	0.46	1.15		Rare 9	0.27	0.67		Rare 9	0.24	0.60
	Rare 10	0.46	1.15		Rare 10	0.45	1.11		Rare 10	0.26	0.65		Rare 10	0.24	0.60
	Rare 11	0.45	1.14		Rare 11	0.44	1.10		Rare 11	0.26	0.64		Rare 11	0.23	0.58
	Rare 12	0.46	1.15		Rare 12	0.45	1.12		Rare 12	0.26	0.65		Rare 12	0.25	0.63
	Rare 13	0.44	1.11		Rare 13	0.43	1.08		Rare 13	0.25	0.63		Rare 13	0.25	0.62
	Rare 14	0.43	1.08		Rare 14	0.42	1.05		Rare 14	0.24	0.61		Rare 14	0.25	0.62
	Freq 1	0.44	1.10		Freq 1	0.43	1.07		Freq 1	0.25	0.62		Freq 1	0.22	0.55
	Freq 2	0.43	1.07		Freq 2	0.42	1.05		Freq 2	0.24	0.61		Freq 2	0.22	0.54
	Freq 3	0.43	1.07		Freq 3	0.42	1.05		Freq 3	0.24	0.61		Freq 3	0.21	0.53
	Freq 4	0.43	1.08		Freq 4	0.42	1.06		Freq 4	0.25	0.61		Freq 4	0.21	0.52
	Freq 5	0.43	1.07		Freq 5	0.42	1.04		Freq 5	0.24	0.61		Freq 5	0.21	0.53
	Freq 6	0.42	1.06		Freq 6	0.41	1.03		Freq 6	0.24	0.60		Freq 6	0.22	0.54
	Perm 1	0.43	1.07		Perm 1	0.42	1.05		Perm 1	0.24	0.61		Perm 1	0.21	0.53
	MAX.	0.49	1.22		MAX.	0.48	1.19		MAX.	0.28	0.69		MAX.	0.25	0.63
9	Rare 1	0.41	1.04	10	Rare 1	0.42	1.06	11	Rare 1	0.43	1.08	12	Rare 1	0.43	1.07
	Rare 2	0.41	1.03		Rare 2	0.42	1.05		Rare 2	0.43	1.07		Rare 2	0.42	1.06
	Rare 3	0.42	1.04		Rare 3	0.42	1.06		Rare 3	0.43	1.08		Rare 3	0.43	1.07
	Rare 4	0.41	1.03		Rare 4	0.42	1.05		Rare 4	0.43	1.07		Rare 4	0.42	1.06
	Rare 5	0.40	1.00		Rare 5	0.41	1.02		Rare 5	0.42	1.04		Rare 5	0.41	1.02
	Rare 6	0.40	0.99		Rare 6	0.41	1.02		Rare 6	0.42	1.04		Rare 6	0.41	1.03
	Rare 7	0.39	0.99		Rare 7	0.40	1.01		Rare 7	0.41	1.03		Rare 7	0.41	1.02
	Rare 8	0.37	0.93		Rare 8	0.38	0.95		Rare 8	0.39	0.97		Rare 8	0.38	0.96
	Rare 9	0.41	1.03		Rare 9	0.42	1.06		Rare 9	0.43	1.08		Rare 9	0.43	1.07
	Rare 10	0.41	1.02		Rare 10	0.42	1.05		Rare 10	0.43	1.07		Rare 10	0.42	1.06
	Rare 11	0.39	0.99		Rare 11	0.41	1.02		Rare 11	0.42	1.04		Rare 11	0.41	1.02
	Rare 12	0.43	1.08		Rare 12	0.44	1.10		Rare 12	0.45	1.13		Rare 12	0.44	1.11
	Rare 13	0.43	1.07		Rare 13	0.44	1.09		Rare 13	0.45	1.11		Rare 13	0.44	1.10
	Rare 14	0.43	1.06		Rare 14	0.43	1.09		Rare 14	0.44	1.11		Rare 14	0.44	1.09
	Freq 1	0.37	0.93		Freq 1	0.38	0.96		Freq 1	0.39	0.97		Freq 1	0.38	0.96
	Freq 2	0.37	0.92		Freq 2	0.38	0.94		Freq 2	0.38	0.96		Freq 2	0.38	0.94
	Freq 3	0.36	0.91		Freq 3	0.37	0.93		Freq 3	0.38	0.94		Freq 3	0.37	0.93
	Freq 4	0.36	0.89		Freq 4	0.37	0.91		Freq 4	0.37	0.93		Freq 4	0.36	0.91
	Freq 5	0.36	0.91		Freq 5	0.37	0.93		Freq 5	0.38	0.94		Freq 5	0.37	0.93
	Freq 6	0.37	0.92		Freq 6	0.38	0.94		Freq 6	0.38	0.96		Freq 6	0.38	0.94
	Perm 1	0.36	0.91		Perm 1	0.37	0.93		Perm 1	0.38	0.94		Perm 1	0.37	0.93
	MAX.	0.43	1.08		MAX.	0.44	1.10		MAX.	0.45	1.13		MAX.	0.44	1.11

CEDIMENTI ELASTICI ED EDOMETRICI

Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm
19	Rare 1	0.22	0.56	20	Rare 1	0.24	0.59	21	Rare 1	0.25	0.63	30	Rare 1	0.33	0.82
	Rare 2	0.22	0.55		Rare 2	0.23	0.58		Rare 2	0.25	0.62		Rare 2	0.32	0.81
	Rare 3	0.23	0.56		Rare 3	0.24	0.59		Rare 3	0.25	0.64		Rare 3	0.33	0.82
	Rare 4	0.22	0.56		Rare 4	0.23	0.58		Rare 4	0.25	0.62		Rare 4	0.33	0.81
	Rare 5	0.22	0.54		Rare 5	0.23	0.57		Rare 5	0.25	0.62		Rare 5	0.32	0.79
	Rare 6	0.22	0.55		Rare 6	0.24	0.59		Rare 6	0.26	0.65		Rare 6	0.31	0.79
	Rare 7	0.22	0.54		Rare 7	0.23	0.58		Rare 7	0.25	0.63		Rare 7	0.31	0.78
	Rare 8	0.21	0.52		Rare 8	0.23	0.57		Rare 8	0.25	0.63		Rare 8	0.29	0.73
	Rare 9	0.22	0.56		Rare 9	0.23	0.59		Rare 9	0.25	0.63		Rare 9	0.33	0.81
	Rare 10	0.22	0.55		Rare 10	0.23	0.57		Rare 10	0.25	0.62		Rare 10	0.32	0.81
	Rare 11	0.21	0.54		Rare 11	0.23	0.56		Rare 11	0.24	0.61		Rare 11	0.31	0.78
	Rare 12	0.23	0.57		Rare 12	0.24	0.59		Rare 12	0.25	0.62		Rare 12	0.34	0.85
	Rare 13	0.23	0.56		Rare 13	0.23	0.58		Rare 13	0.24	0.61		Rare 13	0.34	0.84
	Rare 14	0.22	0.56		Rare 14	0.23	0.57		Rare 14	0.24	0.59		Rare 14	0.34	0.84
	Freq 1	0.20	0.51		Freq 1	0.22	0.54		Freq 1	0.24	0.59		Freq 1	0.29	0.74
	Freq 2	0.20	0.50		Freq 2	0.21	0.53		Freq 2	0.23	0.58		Freq 2	0.29	0.73
	Freq 3	0.20	0.50		Freq 3	0.21	0.53		Freq 3	0.23	0.57		Freq 3	0.29	0.72
	Freq 4	0.20	0.49		Freq 4	0.21	0.53		Freq 4	0.23	0.58		Freq 4	0.28	0.71
	Freq 5	0.20	0.50		Freq 5	0.21	0.53		Freq 5	0.23	0.57		Freq 5	0.29	0.71
	Freq 6	0.20	0.50		Freq 6	0.21	0.53		Freq 6	0.23	0.57		Freq 6	0.29	0.73
	Perm 1	0.20	0.50		Perm 1	0.21	0.53		Perm 1	0.23	0.57		Perm 1	0.29	0.72
	MAX.	0.23	0.57		MAX.	0.24	0.59		MAX.	0.26	0.65		MAX.	0.34	0.85
31	Rare 1	0.36	0.89	33	Rare 1	0.37	0.92	35	Rare 1	0.41	1.03	37	Rare 1	0.36	0.89
	Rare 2	0.35	0.88		Rare 2	0.36	0.91		Rare 2	0.40	1.00		Rare 2	0.35	0.86
	Rare 3	0.36	0.90		Rare 3	0.37	0.93		Rare 3	0.41	1.03		Rare 3	0.36	0.89
	Rare 4	0.35	0.88		Rare 4	0.36	0.91		Rare 4	0.40	1.01		Rare 4	0.35	0.87
	Rare 5	0.35	0.87		Rare 5	0.36	0.90		Rare 5	0.40	1.00		Rare 5	0.34	0.86
	Rare 6	0.35	0.88		Rare 6	0.37	0.93		Rare 6	0.42	1.05		Rare 6	0.37	0.92
	Rare 7	0.35	0.86		Rare 7	0.36	0.91		Rare 7	0.41	1.02		Rare 7	0.36	0.89
	Rare 8	0.33	0.83		Rare 8	0.36	0.89		Rare 8	0.41	1.03		Rare 8	0.36	0.91
	Rare 9	0.36	0.89		Rare 9	0.37	0.92		Rare 9	0.41	1.02		Rare 9	0.35	0.89
	Rare 10	0.35	0.88		Rare 10	0.36	0.90		Rare 10	0.40	1.00		Rare 10	0.34	0.86
	Rare 11	0.34	0.85		Rare 11	0.35	0.88		Rare 11	0.39	0.98		Rare 11	0.34	0.85
	Rare 12	0.36	0.91		Rare 12	0.37	0.92		Rare 12	0.40	1.01		Rare 12	0.34	0.86
	Rare 13	0.36	0.90		Rare 13	0.36	0.90		Rare 13	0.39	0.98		Rare 13	0.33	0.84
	Rare 14	0.35	0.89		Rare 14	0.35	0.89		Rare 14	0.38	0.96		Rare 14	0.32	0.81
	Freq 1	0.33	0.81		Freq 1	0.34	0.85		Freq 1	0.38	0.95		Freq 1	0.33	0.83
	Freq 2	0.32	0.80		Freq 2	0.33	0.83		Freq 2	0.37	0.93		Freq 2	0.32	0.81
	Freq 3	0.32	0.79		Freq 3	0.33	0.83		Freq 3	0.37	0.93		Freq 3	0.32	0.81
	Freq 4	0.31	0.79		Freq 4	0.33	0.83		Freq 4	0.37	0.93		Freq 4	0.33	0.82
	Freq 5	0.32	0.79		Freq 5	0.33	0.82		Freq 5	0.37	0.93		Freq 5	0.32	0.80
	Freq 6	0.32	0.80		Freq 6	0.33	0.83		Freq 6	0.37	0.92		Freq 6	0.32	0.80
	Perm 1	0.32	0.79		Perm 1	0.33	0.83		Perm 1	0.37	0.93		Perm 1	0.32	0.81
	MAX.	0.36	0.91		MAX.	0.37	0.93		MAX.	0.42	1.05		MAX.	0.37	0.92
45	Rare 1	0.35	0.87	53	Rare 1	0.35	0.87	54	Rare 1	0.34	0.84	55	Rare 1	0.34	0.85
	Rare 2	0.34	0.86		Rare 2	0.35	0.86		Rare 2	0.33	0.83		Rare 2	0.34	0.85
	Rare 3	0.35	0.87		Rare 3	0.35	0.87		Rare 3	0.34	0.84		Rare 3	0.34	0.85
	Rare 4	0.34	0.86		Rare 4	0.35	0.86		Rare 4	0.33	0.83		Rare 4	0.34	0.85
	Rare 5	0.33	0.84		Rare 5	0.34	0.84		Rare 5	0.32	0.81		Rare 5	0.33	0.82
	Rare 6	0.33	0.84		Rare 6	0.34	0.84		Rare 6	0.32	0.81		Rare 6	0.33	0.82
	Rare 7	0.33	0.83		Rare 7	0.33	0.83		Rare 7	0.32	0.80		Rare 7	0.33	0.82
	Rare 8	0.31	0.78		Rare 8	0.31	0.79		Rare 8	0.30	0.76		Rare 8	0.31	0.77
	Rare 9	0.35	0.87		Rare 9	0.35	0.87		Rare 9	0.34	0.84		Rare 9	0.34	0.85
	Rare 10	0.34	0.86		Rare 10	0.35	0.86		Rare 10	0.33	0.83		Rare 10	0.34	0.85
	Rare 11	0.33	0.83		Rare 11	0.33	0.84		Rare 11	0.32	0.81		Rare 11	0.33	0.82
	Rare 12	0.36	0.90		Rare 12	0.36	0.90		Rare 12	0.35	0.87		Rare 12	0.35	0.89
	Rare 13	0.36	0.89		Rare 13	0.36	0.89		Rare 13	0.34	0.86		Rare 13	0.35	0.88
	Rare 14	0.35	0.89		Rare 14	0.36	0.89		Rare 14	0.34	0.86		Rare 14	0.35	0.87
	Freq 1	0.31	0.78		Freq 1	0.31	0.79		Freq 1	0.30	0.76		Freq 1	0.31	0.77
	Freq 2	0.31	0.77		Freq 2	0.31	0.77		Freq 2	0.30	0.74		Freq 2	0.30	0.76
	Freq 3	0.30	0.76		Freq 3	0.30	0.76		Freq 3	0.29	0.73		Freq 3	0.30	0.75
	Freq 4	0.30	0.75		Freq 4	0.30	0.75		Freq 4	0.29	0.72		Freq 4	0.29	0.74
	Freq 5	0.30	0.76		Freq 5	0.30	0.76		Freq 5	0.29	0.73		Freq 5	0.30	0.75
	Freq 6	0.31	0.77		Freq 6	0.31	0.77		Freq 6	0.30	0.74		Freq 6	0.30	0.76
	Perm 1	0.30	0.76		Perm 1	0.30	0.76		Perm 1	0.29	0.73		Perm 1	0.30	0.75
	MAX.	0.36	0.90		MAX.	0.36	0.90		MAX.	0.35	0.87		MAX.	0.35	0.89
63	Rare 1	0.34	0.86	64	Rare 1	0.34	0.84	65	Rare 1	0.35	0.88	66	Rare 1	0.26	0.64
	Rare 2	0.34	0.85		Rare 2	0.33	0.83		Rare 2	0.35	0.87		Rare 2	0.25	0.62
	Rare 3	0.34	0.86		Rare 3	0.34	0.84		Rare 3	0.35	0.88		Rare 3	0.25	0.64
	Rare 4	0.34	0.85		Rare 4	0.33	0.83		Rare 4	0.35	0.87		Rare 4	0.25	0.62
	Rare 5	0.33	0.82		Rare 5	0.32	0.80		Rare 5	0.34	0.84		Rare 5	0.24	0.61
	Rare 6	0.33	0.83		Rare 6	0.32	0.81		Rare 6	0.34	0.85		Rare 6	0.26	0.65
	Rare 7	0.33	0.82		Rare 7	0.32	0.80		Rare 7	0.34	0.84		Rare 7	0.25	0.64
	Rare 8	0.31	0.77		Rare 8	0.30	0.75		Rare 8	0.32	0.79		Rare 8	0.25	0.63
	Rare 9	0.34	0.86		Rare 9	0.34	0.84		Rare 9	0.35	0.88		Rare 9	0.26	0.64
	Rare 10	0.34	0.85		Rare 10	0.33	0.83		Rare 10	0.35	0.87		Rare 10	0.25	0.62
	Rare 11	0.33	0.82		Rare 11	0.32	0.80		Rare 11	0.34	0.84		Rare 11	0.25	0.62
	Rare 12	0.36	0.89		Rare 12	0.35	0.87		Rare 12	0.36	0.91		Rare 12	0.25	0.63
	Rare 13	0.35	0.88		Rare 13	0.34	0.86		Rare 13	0.36	0.90		Rare 13	0.24	0.61
	Rare 14	0.35	0.87		Rare 14	0.34	0.85		Rare 14	0.36	0.89		Rare 14	0.24	0.59
	Freq 1	0.31	0.77		Freq 1	0.30	0.75		Freq 1	0.32	0.79		Freq 1	0.23	0.59
	Freq 2	0.30	0.76		Freq 2	0.30	0.74		Freq 2	0.31	0.78		Freq 2	0.23	0.57
	Freq 3	0.30	0.75		Freq 3	0.29	0.73		Freq 3	0.31	0.77		Freq 3	0.23	0.57
	Freq 4	0.29	0.74		Freq 4	0.29	0.72		Freq 4	0.30	0.76		Freq 4	0.23	0.57
	Freq 5	0.30	0.75		Freq 5	0.29	0.73		Freq 5	0.31	0.77		Freq 5	0.23	0.57
	Freq 6	0.30	0.76		Freq 6	0.30	0.74		Freq 6	0.31	0.78		Freq 6	0.23	0.57
	Perm 1	0.30	0.75		Perm 1	0.29	0.73		Perm 1	0.31	0.77		Perm 1	0.23	0.57
	MAX.	0.36	0.89		MAX.	0.35	0.87		MAX.	0.36	0.91		MAX.	0.26	0.65

CEDIMENTI ELASTICI ED EDOMETRICI

Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm
67	Rare 1	0.23	0.59	68	Rare 1	0.23	0.56	69	Rare 1	0.37	0.92	70	Rare 1	0.35	0.87
	Rare 2	0.23	0.57		Rare 2	0.22	0.56		Rare 2	0.36	0.89		Rare 2	0.34	0.84
	Rare 3	0.23	0.58		Rare 3	0.22	0.56		Rare 3	0.37	0.92		Rare 3	0.35	0.87
	Rare 4	0.23	0.57		Rare 4	0.22	0.55		Rare 4	0.36	0.89		Rare 4	0.34	0.84
	Rare 5	0.22	0.56		Rare 5	0.21	0.54		Rare 5	0.35	0.88		Rare 5	0.33	0.83
	Rare 6	0.24	0.59		Rare 6	0.22	0.55		Rare 6	0.38	0.95		Rare 6	0.36	0.90
	Rare 7	0.23	0.58		Rare 7	0.22	0.55		Rare 7	0.37	0.92		Rare 7	0.35	0.87
	Rare 8	0.23	0.56		Rare 8	0.21	0.52		Rare 8	0.37	0.93		Rare 8	0.35	0.88
	Rare 9	0.24	0.59		Rare 9	0.23	0.57		Rare 9	0.37	0.92		Rare 9	0.35	0.87
	Rare 10	0.23	0.58		Rare 10	0.22	0.56		Rare 10	0.36	0.90		Rare 10	0.34	0.85
	Rare 11	0.23	0.57		Rare 11	0.22	0.54		Rare 11	0.36	0.89		Rare 11	0.34	0.84
	Rare 12	0.23	0.59		Rare 12	0.23	0.57		Rare 12	0.36	0.89		Rare 12	0.34	0.85
	Rare 13	0.23	0.57		Rare 13	0.23	0.57		Rare 13	0.35	0.87		Rare 13	0.33	0.82
	Rare 14	0.22	0.56		Rare 14	0.22	0.56		Rare 14	0.34	0.84		Rare 14	0.32	0.79
	Freq 1	0.21	0.53		Freq 1	0.20	0.51		Freq 1	0.34	0.85		Freq 1	0.32	0.80
	Freq 2	0.21	0.52		Freq 2	0.20	0.50		Freq 2	0.33	0.83		Freq 2	0.31	0.78
	Freq 3	0.21	0.52		Freq 3	0.20	0.49		Freq 3	0.33	0.82		Freq 3	0.31	0.78
	Freq 4	0.21	0.52		Freq 4	0.20	0.49		Freq 4	0.33	0.83		Freq 4	0.32	0.79
	Freq 5	0.21	0.52		Freq 5	0.20	0.49		Freq 5	0.33	0.83		Freq 5	0.31	0.78
	Freq 6	0.21	0.52		Freq 6	0.20	0.50		Freq 6	0.33	0.82		Freq 6	0.31	0.77
	Perm 1	0.21	0.52		Perm 1	0.20	0.49		Perm 1	0.33	0.82		Perm 1	0.31	0.78
	MAX.	0.24	0.59		MAX.	0.23	0.57		MAX.	0.38	0.95		MAX.	0.36	0.90
71	Rare 1	0.35	0.88	72	Rare 1	0.38	0.96	73	Rare 1	0.37	0.92	74	Rare 1	0.38	0.95
	Rare 2	0.34	0.85		Rare 2	0.37	0.93		Rare 2	0.36	0.89		Rare 2	0.37	0.92
	Rare 3	0.35	0.87		Rare 3	0.38	0.96		Rare 3	0.37	0.92		Rare 3	0.38	0.95
	Rare 4	0.34	0.85		Rare 4	0.37	0.93		Rare 4	0.36	0.89		Rare 4	0.37	0.92
	Rare 5	0.33	0.84		Rare 5	0.37	0.92		Rare 5	0.35	0.88		Rare 5	0.36	0.91
	Rare 6	0.36	0.91		Rare 6	0.40	0.99		Rare 6	0.38	0.95		Rare 6	0.39	0.98
	Rare 7	0.35	0.88		Rare 7	0.39	0.96		Rare 7	0.37	0.92		Rare 7	0.38	0.95
	Rare 8	0.36	0.89		Rare 8	0.39	0.97		Rare 8	0.37	0.93		Rare 8	0.38	0.96
	Rare 9	0.35	0.88		Rare 9	0.38	0.96		Rare 9	0.37	0.92		Rare 9	0.38	0.95
	Rare 10	0.34	0.85		Rare 10	0.37	0.93		Rare 10	0.36	0.89		Rare 10	0.37	0.92
	Rare 11	0.34	0.85		Rare 11	0.37	0.92		Rare 11	0.35	0.88		Rare 11	0.36	0.91
	Rare 12	0.34	0.85		Rare 12	0.37	0.94		Rare 12	0.36	0.89		Rare 12	0.37	0.92
	Rare 13	0.33	0.83		Rare 13	0.36	0.91		Rare 13	0.35	0.87		Rare 13	0.36	0.89
	Rare 14	0.32	0.80		Rare 14	0.35	0.88		Rare 14	0.34	0.84		Rare 14	0.35	0.87
	Freq 1	0.32	0.81		Freq 1	0.36	0.89		Freq 1	0.34	0.85		Freq 1	0.35	0.87
	Freq 2	0.32	0.79		Freq 2	0.35	0.87		Freq 2	0.33	0.83		Freq 2	0.34	0.85
	Freq 3	0.31	0.78		Freq 3	0.35	0.86		Freq 3	0.33	0.82		Freq 3	0.34	0.85
	Freq 4	0.32	0.80		Freq 4	0.35	0.87		Freq 4	0.33	0.83		Freq 4	0.34	0.86
	Freq 5	0.31	0.79		Freq 5	0.35	0.86		Freq 5	0.33	0.82		Freq 5	0.34	0.85
	Freq 6	0.31	0.78		Freq 6	0.34	0.85		Freq 6	0.33	0.81		Freq 6	0.34	0.84
	Perm 1	0.31	0.79		Perm 1	0.35	0.86		Perm 1	0.33	0.82		Perm 1	0.34	0.85
	MAX.	0.36	0.91		MAX.	0.40	0.99		MAX.	0.38	0.95		MAX.	0.39	0.98
75	Rare 1	0.37	0.94	76	Rare 1	0.37	0.92	77	Rare 1	0.38	0.95	78	Rare 1	0.38	0.95
	Rare 2	0.36	0.91		Rare 2	0.36	0.89		Rare 2	0.37	0.93		Rare 2	0.37	0.92
	Rare 3	0.37	0.94		Rare 3	0.37	0.92		Rare 3	0.38	0.96		Rare 3	0.38	0.95
	Rare 4	0.36	0.91		Rare 4	0.36	0.89		Rare 4	0.37	0.93		Rare 4	0.37	0.92
	Rare 5	0.36	0.90		Rare 5	0.35	0.88		Rare 5	0.37	0.92		Rare 5	0.37	0.92
	Rare 6	0.39	0.97		Rare 6	0.38	0.94		Rare 6	0.39	0.98		Rare 6	0.39	0.98
	Rare 7	0.38	0.94		Rare 7	0.37	0.92		Rare 7	0.38	0.96		Rare 7	0.38	0.95
	Rare 8	0.38	0.95		Rare 8	0.37	0.93		Rare 8	0.39	0.97		Rare 8	0.38	0.96
	Rare 9	0.37	0.94		Rare 9	0.37	0.92		Rare 9	0.38	0.95		Rare 9	0.38	0.95
	Rare 10	0.36	0.91		Rare 10	0.36	0.89		Rare 10	0.37	0.93		Rare 10	0.37	0.92
	Rare 11	0.36	0.90		Rare 11	0.35	0.88		Rare 11	0.37	0.92		Rare 11	0.36	0.91
	Rare 12	0.36	0.91		Rare 12	0.36	0.89		Rare 12	0.37	0.93		Rare 12	0.37	0.92
	Rare 13	0.35	0.88		Rare 13	0.35	0.86		Rare 13	0.36	0.90		Rare 13	0.36	0.89
	Rare 14	0.34	0.86		Rare 14	0.34	0.84		Rare 14	0.35	0.87		Rare 14	0.35	0.87
	Freq 1	0.35	0.87		Freq 1	0.34	0.85		Freq 1	0.35	0.88		Freq 1	0.35	0.88
	Freq 2	0.34	0.85		Freq 2	0.33	0.83		Freq 2	0.34	0.86		Freq 2	0.34	0.86
	Freq 3	0.34	0.85		Freq 3	0.33	0.83		Freq 3	0.34	0.86		Freq 3	0.34	0.86
	Freq 4	0.34	0.86		Freq 4	0.33	0.84		Freq 4	0.35	0.87		Freq 4	0.35	0.87
	Freq 5	0.34	0.85		Freq 5	0.33	0.83		Freq 5	0.34	0.86		Freq 5	0.34	0.86
	Freq 6	0.33	0.84		Freq 6	0.33	0.82		Freq 6	0.34	0.85		Freq 6	0.34	0.85
	Perm 1	0.34	0.85		Perm 1	0.33	0.83		Perm 1	0.34	0.86		Perm 1	0.34	0.86
	MAX.	0.39	0.97		MAX.	0.38	0.94		MAX.	0.39	0.98		MAX.	0.39	0.98
79	Rare 1	0.42	1.05	80	Rare 1	0.38	0.94	81	Rare 1	0.36	0.91	82	Rare 1	0.42	1.06
	Rare 2	0.41	1.02		Rare 2	0.37	0.92		Rare 2	0.36	0.90		Rare 2	0.41	1.03
	Rare 3	0.42	1.05		Rare 3	0.37	0.94		Rare 3	0.36	0.91		Rare 3	0.42	1.06
	Rare 4	0.41	1.02		Rare 4	0.37	0.92		Rare 4	0.36	0.89		Rare 4	0.41	1.03
	Rare 5	0.40	1.00		Rare 5	0.36	0.90		Rare 5	0.35	0.87		Rare 5	0.41	1.02
	Rare 6	0.43	1.07		Rare 6	0.38	0.94		Rare 6	0.36	0.89		Rare 6	0.43	1.08
	Rare 7	0.42	1.04		Rare 7	0.37	0.92		Rare 7	0.35	0.88		Rare 7	0.42	1.05
	Rare 8	0.42	1.05		Rare 8	0.36	0.90		Rare 8	0.34	0.84		Rare 8	0.42	1.06
	Rare 9	0.42	1.05		Rare 9	0.38	0.94		Rare 9	0.36	0.91		Rare 9	0.42	1.06
	Rare 10	0.41	1.03		Rare 10	0.37	0.92		Rare 10	0.36	0.90		Rare 10	0.41	1.03
	Rare 11	0.41	1.01		Rare 11	0.36	0.91		Rare 11	0.35	0.87		Rare 11	0.41	1.02
	Rare 12	0.41	1.03		Rare 12	0.38	0.94		Rare 12	0.37	0.93		Rare 12	0.42	1.04
	Rare 13	0.40	1.00		Rare 13	0.37	0.92		Rare 13	0.36	0.91		Rare 13	0.40	1.01
	Rare 14	0.39	0.97		Rare 14	0.36	0.90		Rare 14	0.36	0.90		Rare 14	0.39	0.98
	Freq 1	0.39	0.97		Freq 1	0.34	0.86		Freq 1	0.33	0.82		Freq 1	0.39	0.98
	Freq 2	0.38	0.94		Freq 2	0.34	0.84		Freq 2	0.32	0.81		Freq 2	0.38	0.96
	Freq 3	0.37	0.94		Freq 3	0.33	0.83		Freq 3	0.32	0.80		Freq 3	0.38	0.95
	Freq 4	0.38	0.94		Freq 4	0.33	0.83		Freq 4	0.32	0.79		Freq 4	0.38	0.96
	Freq 5	0.38	0.94		Freq 5	0.33	0.83		Freq 5	0.32	0.80		Freq 5	0.38	0.95
	Freq 6	0.37	0.93		Freq 6	0.33	0.83		Freq 6	0.32	0.80		Freq 6	0.38	0.94
	Perm 1	0.37	0.94		Perm 1	0.33	0.83		Perm 1	0.32	0.80		Perm 1	0.38	0.95
	MAX.	0.43	1.07		MAX.	0.38	0.94		MAX.	0.37	0.93		MAX.	0.43	1.08
83	Rare 1	0.38	0.95	84	Rare 1	0.37	0.92	85	Rare 1	0.43	1.08	86	Rare 1	0.39	0.97

CEDIMENTI ELASTICI ED EDOMETRICI

Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm
	Rare 2	0.37	0.93		Rare 2	0.36	0.90		Rare 2	0.42	1.05		Rare 2	0.38	0.95
	Rare 3	0.38	0.95		Rare 3	0.37	0.92		Rare 3	0.43	1.08		Rare 3	0.39	0.97
	Rare 4	0.37	0.93		Rare 4	0.36	0.91		Rare 4	0.42	1.05		Rare 4	0.38	0.95
	Rare 5	0.37	0.91		Rare 5	0.35	0.88		Rare 5	0.42	1.04		Rare 5	0.37	0.93
	Rare 6	0.38	0.95		Rare 6	0.36	0.90		Rare 6	0.44	1.10		Rare 6	0.39	0.97
	Rare 7	0.37	0.93		Rare 7	0.36	0.89		Rare 7	0.43	1.08		Rare 7	0.38	0.95
	Rare 8	0.37	0.92		Rare 8	0.34	0.85		Rare 8	0.43	1.08		Rare 8	0.37	0.94
	Rare 9	0.38	0.95		Rare 9	0.37	0.92		Rare 9	0.43	1.08		Rare 9	0.39	0.97
	Rare 10	0.37	0.93		Rare 10	0.36	0.90		Rare 10	0.42	1.05		Rare 10	0.38	0.95
	Rare 11	0.36	0.91		Rare 11	0.35	0.88		Rare 11	0.42	1.04		Rare 11	0.37	0.93
	Rare 12	0.38	0.95		Rare 12	0.37	0.94		Rare 12	0.42	1.06		Rare 12	0.39	0.97
	Rare 13	0.37	0.93		Rare 13	0.37	0.92		Rare 13	0.41	1.03		Rare 13	0.38	0.95
	Rare 14	0.36	0.91		Rare 14	0.36	0.91		Rare 14	0.40	1.01		Rare 14	0.37	0.93
	Freq 1	0.35	0.87		Freq 1	0.33	0.84		Freq 1	0.40	1.00		Freq 1	0.36	0.89
	Freq 2	0.34	0.85		Freq 2	0.33	0.82		Freq 2	0.39	0.97		Freq 2	0.35	0.87
	Freq 3	0.34	0.85		Freq 3	0.32	0.81		Freq 3	0.39	0.97		Freq 3	0.35	0.86
	Freq 4	0.34	0.85		Freq 4	0.32	0.81		Freq 4	0.39	0.97		Freq 4	0.35	0.86
	Freq 5	0.34	0.85		Freq 5	0.32	0.81		Freq 5	0.39	0.97		Freq 5	0.35	0.86
	Freq 6	0.34	0.85		Freq 6	0.33	0.82		Freq 6	0.38	0.96		Freq 6	0.34	0.86
	Perm 1	0.34	0.85		Perm 1	0.32	0.81		Perm 1	0.39	0.97		Perm 1	0.35	0.86
	MAX.	0.38	0.95		MAX.	0.37	0.94		MAX.	0.44	1.10		MAX.	0.39	0.97
87	Rare 1	0.38	0.94	88	Rare 1	0.34	0.84	89	Rare 1	0.32	0.80	90	Rare 1	0.32	0.80
	Rare 2	0.37	0.93		Rare 2	0.33	0.83		Rare 2	0.32	0.79		Rare 2	0.32	0.80
	Rare 3	0.38	0.94		Rare 3	0.33	0.84		Rare 3	0.32	0.80		Rare 3	0.32	0.80
	Rare 4	0.37	0.93		Rare 4	0.33	0.83		Rare 4	0.32	0.79		Rare 4	0.32	0.79
	Rare 5	0.36	0.90		Rare 5	0.32	0.80		Rare 5	0.30	0.76		Rare 5	0.30	0.76
	Rare 6	0.37	0.93		Rare 6	0.32	0.81		Rare 6	0.31	0.77		Rare 6	0.31	0.77
	Rare 7	0.36	0.91		Rare 7	0.32	0.80		Rare 7	0.30	0.76		Rare 7	0.31	0.76
	Rare 8	0.35	0.88		Rare 8	0.30	0.75		Rare 8	0.29	0.72		Rare 8	0.29	0.72
	Rare 9	0.38	0.94		Rare 9	0.34	0.84		Rare 9	0.32	0.80		Rare 9	0.32	0.81
	Rare 10	0.37	0.93		Rare 10	0.33	0.83		Rare 10	0.32	0.80		Rare 10	0.32	0.80
	Rare 11	0.36	0.90		Rare 11	0.32	0.81		Rare 11	0.31	0.77		Rare 11	0.31	0.77
	Rare 12	0.38	0.96		Rare 12	0.35	0.87		Rare 12	0.33	0.83		Rare 12	0.33	0.83
	Rare 13	0.38	0.94		Rare 13	0.35	0.86		Rare 13	0.33	0.82		Rare 13	0.33	0.83
	Rare 14	0.37	0.93		Rare 14	0.34	0.86		Rare 14	0.33	0.82		Rare 14	0.33	0.82
	Freq 1	0.34	0.85		Freq 1	0.30	0.75		Freq 1	0.29	0.71		Freq 1	0.29	0.72
	Freq 2	0.34	0.84		Freq 2	0.29	0.74		Freq 2	0.28	0.70		Freq 2	0.28	0.70
	Freq 3	0.33	0.83		Freq 3	0.29	0.73		Freq 3	0.28	0.69		Freq 3	0.28	0.69
	Freq 4	0.33	0.82		Freq 4	0.29	0.72		Freq 4	0.27	0.68		Freq 4	0.27	0.68
	Freq 5	0.33	0.83		Freq 5	0.29	0.73		Freq 5	0.28	0.69		Freq 5	0.28	0.69
	Freq 6	0.33	0.83		Freq 6	0.29	0.74		Freq 6	0.28	0.70		Freq 6	0.28	0.70
	Perm 1	0.33	0.83		Perm 1	0.29	0.73		Perm 1	0.28	0.69		Perm 1	0.28	0.69
	MAX.	0.38	0.96		MAX.	0.35	0.87		MAX.	0.33	0.83		MAX.	0.33	0.83